



# भारत का राजपत्र The Gazette of India

साप्ताहिक/WEEKLY

प्राधिकार से प्रकाशित  
PUBLISHED BY AUTHORITY

सं० 41] नई दिल्ली, शनिवार, अक्टूबर 11—अक्टूबर 17, 2003 (आश्विन 19, 1925)  
No. 41] NEW DELHI, SATURDAY, OCTOBER 11—OCTOBER 17, 2003 (ASVINA 19, 1925)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।  
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

## भाग III—खण्ड 2

### [PART III—SECTION 2]

[पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस]  
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

#### THE PATENT OFFICE PATENTS AND DESIGNS

Kolkata, the 11th October 2003

#### ADDRESSES AND JURISDICTION OF THE OFFICES OF THE PATENT OFFICE

The Patent Office has its Head Office at Kolkata and Branch Offices at Mumbai, Delhi and Chennai having Territorial Jurisdiction on a Zonal basis as shown below:—

1. Patent Office Branch,  
Todi Estates, IIIrd Floor,  
Sun Mill Compound,  
Lower Parel (West),  
MUMBAI-400 013.

The States of Gujarat,  
Maharashtra, Madhya Pradesh  
and Goa and the Union  
Territories of Daman and  
Diu & Dadra and Nagar Haveli.

Telegraphic Address "PATOFFICE"  
Phone Nos. (022) 2492 4058, 2496 1370, 2490 3684,  
2490 3852  
Fax No. (022) 2495 0622, 2490 3852  
E-Mail: patnum@vsnl.net

2. Patent Office Branch,  
W-5, West Patel Nagar,  
New Delhi-110 008.

The States of Haryana,  
Himachal Pradesh,  
Jammu and Kashmir,  
Panjab, Rajasthan,  
Uttar Pradesh and Delhi and the  
Union Territory of Chandigarh.

Telegraphic Address "PATENTOFIC"  
Phone Nos. (011) 2587 1255, 2587 1256,  
2587 1257, 2587 1258.  
Fax No. (011) 2587 1256.  
E-Mail: delhipatent@vsnl.net

3. Patent Office Branch,  
Guna Complex, 6th Floor, Annex-II,  
443, Annasalai, Teynampet,  
Chennai-600 018.

The States of Andhra Pradesh,  
Karnataka, Kerala, Tamilnadu and  
Pondicherry and the Union  
Territories of Laccadive, Minicoy and  
Aminidivi Islands.

Telegraphic Address "PATENTOFFIC"  
Phone Nos. (044) 2431 4324/4325/4326.  
Fax No. (044) 2431 4750/4751.  
E-Mail: patentchennai@vsnl.net

4. Patent Office (Head Office),  
Nizam Palace, 2nd M.S.O. Building,  
5th, 6th & 7th Floor,  
234/4, Acharya Jagadish Bose Road,  
Kolkata-700 020.

Rest of India.

Telegraphic Address "PATENTS"  
Phone Nos. (033) 2247 4401/4402/4403.

Fax Nos. (033) 2247 3851, 2240 1353.

E-Mail: patentin@vsnl.com.

patindia@giascl01.vsnl.net.in

Website : http://Ipindia.nic.in

All applications, notices, statements or other documents or any fees required by the Patents Act, 1970 and the Patents (Amendment) Act, 2002 or by the Patents Rules, 2003 will be received only at the appropriate offices of the Patent Office.

Fees : The fees may either be paid in cash or may be sent by Bank Draft or Cheques payable to the Controller of Patents drawn on a scheduled Bank at the place where the appropriate office is situated.

### पेटेंट कार्यालय

एकस्व तथा अभिकल्प

कोलकाता, दिनांक 11 अक्टूबर 2003

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कोलकाता में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं:--

1. पेटेंट कार्यालय शाखा,  
टेडी इस्टेट, तीसरा तल,  
सन मिश्र कम्पाउंड,  
लोअर परेल (वेस्ट),  
मुम्बई - 400 013।

गुजरात, महाराष्ट्र, मध्य प्रदेश तथा  
गोआ राज्य क्षेत्र एवं  
संघ शासित क्षेत्र, दमन तथा दीव एवं  
दादर और नगर हवेली।

तार पता : "पेटेंटोफिस"

फोन : (022) 2492 4058, 2496 1370, 2490 3684, 2490 3852

फैक्स : (022) 2495 0622, 2490 3852

ई. मेल : patmum@vsnl.net

2. पेटेंट कार्यालय शाखा,  
डब्ल्यू-5, वेस्ट मेटेल नगर,  
नई दिल्ली - 110 008।

हरियाणा, हिमाचल प्रदेश, जम्मू  
तथा कश्मीर, पंजाब, राजस्थान,  
उत्तर प्रदेश तथा दिल्ली राज्य  
क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़।

तार पता : "पेटेंटोफिक"

फोन : (011) 2587 1255, 2587 1256, 2587 1257,  
2587 1258.

फैक्स : (011) 2587 1256.

ई.-मेल : delhipatent@vsnl.net

3. पेटेंट कार्यालय शाखा,

गुणा कम्प्लेक्स, छठा तल, एनेक्स-II,  
443, अन्नासलाई, तेनामपेट,  
चेन्नई - 600 018।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु  
तथा पाण्डिचेरी राज्य क्षेत्र एवं संघ  
शासित क्षेत्र लक्षद्वीप, मिनिगाय तथा एमिनिदिव द्वीप।  
तार पता - "पेटेंटोफिक"

फोन : (044) 2431 4324/4325/4326.

फैक्स : (044) 2431 4750/4751.

ई.-मेल : patentchennai@vsnl.net

4. पेटेंट कार्यालय (प्रधान कार्यालय),

नियाम पैलेस, द्वितीय बहुतलीय कार्यालय  
भवन, 5वां, 6ठा व 7वां तल,  
234/4, आचार्य जगदीश बोस मार्ग,  
कोलकाता - 700 020।

भारत का अवशेष क्षेत्र।

तार पता - "पेटेंट्स"

फोन : (033) 2247 4401/4402/4403.

फैक्स : (033) 2247 3851, 2240 1353.

ई.-मेल : patentin@vsnl.com

patindia@giascl01.vsnl.net.in

वेब साइट : http://Ipindia.nic.in

पेटेंट अधिनियम, 1970 तथा पेटेंट (संशोधन) अधिनियम, 2002 अथवा पेटेंट नियम, 2003 द्वारा अपेक्षित सभी आवेदन, सूचनाएं, विवरण या अन्य दस्तावेज या कोई फीस पेटेंट कार्यालय के केवल समुचित कार्यालय में ही ग्रहण किए जाएंगे।

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा जहां उपयुक्त कार्यालय अवस्थित है, इस स्थान के अनुसूचित बैंक से नियंत्रक, पेटेंट को भुगतान योग्य बैंक ड्राफ्ट अथवा चैक द्वारा की जा सकती है।

**GRANT OF EXCLUSIVE MARKETING RIGHTS (EMR)**

One application for grant of EMR dated 07.08.2001 filed by UNITED PHOSPHOROUS LTD., AN INDIAN COMPANY HAVING ITS OFFICE AT 3-11, G.I.D.C., VAPI-396195, GUJARAT, INDIA on the insecticide CARBENDAZIM 12% WP+MANCOZEB 63% WP formulation against the corresponding patent application No. 570/MUM/2000 dated 21.06.2000 was allowed on 05.09.2003.

**ALTERATION OF DATE UNDER SECTION 16**

191229 (778/MAS/2000) ANTE-DATED TO 25TH NOVEMBER, 1994.

191249 (953/DEL/2001) ANTE-DATED TO 10TH AUGUST, 1993.

191250 (1221/DEL/2002) ANTE-DATED TO 16TH MARCH, 1995

**अभिगृहित पूर्ण विनिर्देश**

एतद्वारा सूचना दी जाती है कि आवेदनों में किसी पर पेटेंट अनुदान का विरोध करने वाले इच्छुक व्यक्ति राजपत्र के इस निर्गमन की तिथि से चार महीने के भीतर या उक्त चार महीने की समाप्ति के पूर्व, प्ररूप 4 में यदि आवेदित किया हुआ हो, तो परवर्ती एक महीने के भीतर, किसी समय, नियंत्रक, पेटेंट को ऐसे विरोध की सूचना प्ररूप 7 में उपयुक्त कार्यालय में दे सकते हैं। विरोध का लिखित कथन, साक्ष्य के साथ, यदि कोई हो, दो प्रतियों में उक्त सूचना के साथ या अगले दो महीने की अवधि के भीतर दाखिल किया जाए। इस संदर्भ में, यथासंशोधित पेटेंट अधिनियम, 1970 की धारा 25 एवं पेटेंट नियम, 2003 के नियम 55 से 57 का अवलोकन किया जा सकता है।

उपयुक्त कार्यालय द्वारा विनिर्देश एवं चित्र आरेख, यदि हो, के छायाप्रति की आपूर्ति छायाप्रति शुल्क के रूप में प्रति पृष्ठ रु. 4/- की अदायगी पर की जा सकती है।

**COMPLETE SPECIFICATION ACCEPTED**

Notice is hereby given that any person interested in opposing the grant of a Patent on any of the Applications, may, at any time within four months from the date of this issue of Gazette or within further period of one month if applied for in Form 4 before the expiry of the said period of four months, give notice to the Controller of Patents at the Appropriate Office on Form 7 of such opposition. The Written Statement of Opposition accompanied by evidence, if any, should be filed in duplicate alongwith the said notice or within further period of two months. Section 25 of The Patents Act, 1970 as amended and Rules 55 to 57 of The Patents Rules, 2003 may be referred to in this regard.

Photo copies of the specification and drawings, if any, can be supplied by the Appropriate Office on payment of photocopying charges @ Rs. 4/- per page.

Ind.Cl	:	32 (C)	<b>191151</b>
Int.Cl <sup>4</sup>	:	C 07 C 27/02	
Title	:	PROCESS FOR PREPARING (DIHYDRO) MYRCENOL	
Applicant	:	QUEST INTERNATIONAL B.V, OF HUIZERSTRAATWEG 28, 1411, GP NAARDEN, THE NETHERLANDS.	
Inventor	:	1. PAUL NICOLAS DAVEY. 2. CLIVE DEREK RICHARDSON 3. CHRISTOPHER PAUL NEWMAN 4. BARRIE R. HART	
Application no.	:	37/CAL/97 FILED ON 07.01.1997	

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*

*PATENT OFFICE KOLKATA.*

**12 CLAIMS.**

A process for preparing (dihydro) mycenol comprising reacting a (dihydro)myrcenyl ester such as herein described and an alcohol such as hereindescribed optionally in presence of a catalyst in a transesterification reaction to produce (dihydro) mycenol.

Complete Specification : 10 pages.

Drawing : 2 sheets.

Ind.Cl : H 02 G 9/00 , H 01 B 13/22 **191152**  
Int.Cl<sup>4</sup> : 48 A<sub>1</sub>, A<sub>2</sub>, A<sub>4</sub>  
Title : METHOD AND DEVICE FOR PRODUCING A CABLE.  
Applicant : SIMENS AKTIENGESELLSCHAFT  
OF WITTELSBACHERPLATZ 2, 80333 MUNCHEN GERMANY  
Inventor : 1. ERNST MAYR.  
2. ERNST OPEL.  
3. DR. WALDMAR STOECKLEIN.  
4. GUENTHER UHLENHUTH  
5. LOTHAR FINZEL.

Application no. 123/CAL/97 FILED ON 22.01.1997

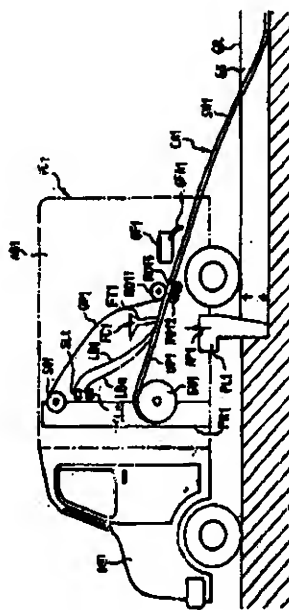
(CONVENTION NO.19602432.3 FILED ON 24.1.1996 IN GERMANY.)

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*

*PATENT OFFICE KOLKATA.*

**19 CLAIMS.**

Method for producing a cable (CA1) having at least one outer protective sheath (OP1, UP1) and at least one electrical or optical wire (LD1 – LD<sub>n</sub>) arranged in the interior characterized in that, on a mobile device (VC1), the wire (LD1 – LD<sub>n</sub>) is drawn off of from at least one supply coil (SL1 – SL<sub>n</sub>), in that furthermore on the mobile device (VC1) a protective sheath (SH1) is provided , in that the wire (LD1 – LD<sub>n</sub>) is introduced into the protective sheath (SH1) and in that, following the insertion of the wire (LD1 – LD<sub>n</sub>) into the protective sheath (SH1) , the cable (CA1) thus obtained is brought out from the device (VC1) into the laying position.



**Complete Specification : 15 pages.**

**Drawing : 3 sheets.**

Ind.Cl : 32 (C) 191153  
Int.Cl<sup>4</sup> : C 08 G 69/08, C 08 G 69/18  
Title : A PROCESS FOR PRODUCING, BY MEANS OF ACTIVATED ANIONIC  
POLYMERIZATION, COMPOSITE MATERIALS WHICH CAN BE  
THERMALLY POSTFORMED, CONSISTING OF A MATRIX OF  
POLYLACTAM WHICH ENCLOSES A REINFORCING FIBER.  
STRUCTURE  
Applicant : EMS INVENTA AG. OF SELNAUSTRASSE 16, CH 8002 ZURICH,  
SWITZERLAND.  
Inventor : 1. EDUARD SCHMID.  
2. VRS WILD.  
3. ROMAN EDER.  
Application no. 141/CAL/97 FILED ON 24.01.1997  
(CONVENTION NO. 19602638.5 FILED ON 25.01.1996 IN GERMANY.)

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*

*PATENT OFFICE KOLKATA.*

**10 CLAIMS.**

A process for producing, by means of activated anionic polymerisation, composite materials which can be thermally postformed, consisting of a matrix of polylactam which encloses a reinforcing fiber structure, said process comprising :

providing a liquid system for anionic polymerization of a lactam, said liquid system comprising an activator, a catalyst and optional additives.

providing an anhydrous lactam melt separate from said liquid system.

homogeneously admixing said liquid system and said anhydrous lactam melt to provide a low-viscosity mixture.

subsequently, by controlling the temperature, a reinforced fiber structure is impregnated and embedded with said low-viscosity mixture during initial polymerization of said lactam melt to provide an impregnated fiber structure, and

further polymerizing said lactam melt by anionic polymerization and shaping said impregnated fiber structure by postforming and/or subsequent thermal treatment.

*Complete Specification : 10 pages.*

*Drawing : NIL*

Ind.Cl : 144 (E-2) **191154**  
Int.Cl<sup>4</sup> : B 05 D 003/02 ; B 05 D 007/00  
Title : AN IMPROVED METHOD OF PRODUCING A CERAMIC COATING  
BY PLASMA SPRAYING OF CERAMIC POWDERS ON SUBSTRATES  
OF ALUMINA-CARBON/GRAPHITES BASED REFRACTORIES.  
Applicant : STEEL AUTHORITY OF INDIA LTD. OF ISPAT BHAWAN, LODI  
ROAD, NEW DELHI – 110003, INDIA.  
Inventor : 1. SWAPAN KUMAR GARAI.  
2. NIRMAL KANTI GHOSH.  
3. PURIMETLA CHINTAIAH.  
4. AJOY KUMAR DASGUPTA.  
5. KRISHNA CHARAN CHATTERJEE.  
Application no. 348/CAL/97 FILED ON 26.02.1997

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*

*PATENT OFFICE KOLKATA.*

**1 CLAIM.**

An improved method of producing a ceramic coating by plasma spraying of ceramic powders on substrates of alumina-carbon/graphite based refractories for increasing the corrosion/erosion/oxidation resistance thereof, characterised in that the method comprises the following steps –

- i. Selecting the substrate having no initial tar impregnation and having a grooved area on the surface thereof;
- ii. Blowing hot air without containing any ceramic powder therein on the said grooved area of the surface by means of a plasma torch, such as herein described;
- iii. Feeding 98-99% pure alumina ( $\text{Al}_2\text{O}_3$ ) powder of melting point  $2040^\circ\text{C}$  and particle size 10-50 micron at a rate of 15-50 gm/minute by means of a turn table-type powder feeder, such as herein described, into the plasma torch along with a carrier gas, such as argon, at a rate of 5-15 litre per minute (LPM) and plasma gas, such as Argon, at a rate of 15-30 litre per minute (LPM)
- iv. Applying a coating of alumina ( $\text{Al}_2\text{O}_3$ ) of thickness 300-700 micron on the said grooved area of the surface, being located at a distance of 50-100 mm from the discharge end of the said plasma torch, at a traverse rate between 100 and 200 gm/min of the said alumina ( $\text{Al}_2\text{O}_3$ ) powder for 10-20 minute of spraying of the  $\text{Al}_2\text{O}_3$  powder by the plasma torch;

- v. impregnating whole surface area of the substrate with tar under vacuum removing the excess tar where applied and polishing the surface of the substrate by means of a diamond grinding machine to make the surface plane and smooth; and
- Vi. drying the surface of the substrate at 110°C.

*Complete Specification : 10 pages.*

*Drawing : 2 sheets.*

Ind.Cl : 23 (H) **191155**

Int.Cl<sup>4</sup> : A 01 K 67/033 ; A 01 K 47/06

Title : A CONSTANT TEMPERATURE BOX EMPLOYED IN YEAR-ROUND UTILIZATION OF POLLINATING INSECTS SUCH AS BUMBLE BEES.

Applicant : CATS INC, OF 1-16-9, SHIBUYA SHIBUYA-KU, TOKYO, JAPAN 150.

Inventor : HIROTAKA OTOMO.  
TEZUKA TOSHIYUKI.

Application no. 422/CAL/97 FILED ON 11.3.1997

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*

*PATENT OFFICE KOLKATA.*

### 6 CLAIMS.

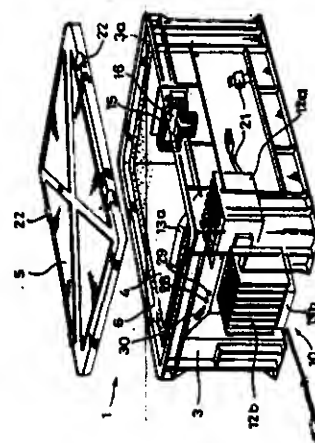
A constant temperature box employed in year-round utilization of pollinating insects such as bumble bees, characterized in that the said constant temperature box comprising :

A box body (3) for housing a nest box (2) of pollinating insects ;

A means for temperature control (10) for maintaining an internal temperature of the said box (3) within an optimal habitat environment temperature range for said pollinating insects, wherein the said means for temperature control (10) comprises:

An electronic refrigeration element (11), a heating and cooling device utilising a coolant, and a heat and cold preserving material; and

A means for access (15) for enabling pollinating insects to ingress and egress to the outside.



*Complete Specification : 19 pages.*

*Drawing : 12 sheets.*

Ind.Cl : 127 (g) **191156**  
 Int.Cl<sup>4</sup> : F 16 L 55/02  
 Title : FLEXIBLE JOINT FOR EXHAUST SYSTEM ON AN INTERNAL COMBUSTION ENGINE.  
 Applicant : SANKEI GIKEN KOGYO KABUSHIKI KAISYA OF 5-1, AKABANE-MINAMI 2-CHOME. KITA-KU, TOKYO, JAPAN.  
 Inventor : TAKANIKO NAITO  
 Application no. 453/CAL/97 FILED ON 13.3.97  
 (CONVENTION NO. P8-87548 FILED ON 15.3.96 IN JAPAN.)

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*

*PATENT OFFICE KOLKATA.*

#### 4 CLAIMS.

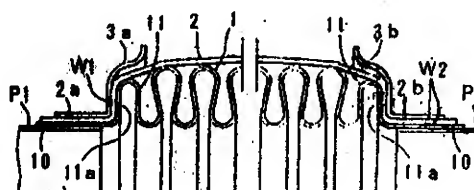
A flexible joint for an exhaust system of an internal combustion engine, said flexible joint comprising:

A bellows having an intermediate portion, with a wave-shaped cross-section, between first and second cylindrical end parts, wherein said intermediate portion has a ridge part with a lateral side surface at first and second ends adjacent to said first and second cylindrical end parts, respectively;

A cylindrical braid covering an outer periphery of said bellows;

First and second ring-shaped protectors fittingly held on a portion of an outer periphery of said cylindrical braid at first and second ends of said braid, respectively, said first and second ends of said braid covering said outer periphery of said bellows at said first and second cylindrical end parts thereof respectively,

Wherein said braid and each of said first and second protectors are overlaid on and closely adhered to said lateral side surfaces of said ridge parts at both said first and second cylindrical ends parts of said bellows to form an overlaid portion, and said braid and at least one of said first and second protectors are integrally fixed at said lateral side surface of said overlaid portion by means of spot-welding.



**FIG.2**

**Complete Specification : 12 pages,**

**Drawing : 3 sheets.**

Ind.Cl : **191157**

Int.Cl<sup>4</sup> : E 06 B 1/04

Title : A FIREPROOF TRIM SUITABLE FOR USE IN A LANDING DOOR FOR A LIFT.

Applicant : KONE OY, OF MUNKKINIEMEN PUISTOTIE 25, 00330, HELSINKI, FINLAND.

Inventor : 1. RODOLFO RIPAMONTI.  
2. GIANULUCANOVELLATI.  
3. JORI HAGG.  
4. MIKA LEHTONEN  
5. GIUSEPPE PUGLIESE.  
6. PIERPAOLO PICCIN.

Application no. 487/CAL/97 FILED ON 19.3.1997

(CONVENTION NO. T 096A000319 FILED ON 22.4.96 IN ITALY.)

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*

*PATENT OFFICE KOLKATA.*

#### 4 CLAIMS.

A fireproof trim (10) suitable for use in a landing door for a lift, in which the landing door has a frame with two jambs (1, 2) and a transom (3) intended to be fixed to corresponding sides or faces of a door opening;

characterised in that for each jamb (1, 2) and for the transom (3) of the door frame, there are provided:

a fireproof profiled element (11) of incombustible material, particularly metal, of substantially L-shaped cross-section with a first limb (11a) intended to be applied against and fixed to that face of the jamb (1, 2) or transom (3), which faces the landing (L) and a second limb (11b) intended to be located adjacent the corresponding face (4-6) of the door opening,

a profiled cover element (14) having a channel-section intended to be located in front of the fireproof profiled element (11) with its channel facing the fireproof element (11); the cover element (14) having a first limb (14a) intended to bear against that face of the jamb (1, 2) or transom (3) which faces the landing (L) and a second limb (14b) intended to be force-fitted between the second limb (11b) of the fireproof element (11) and the associated face (4-6) of the door opening, and

fixing means (15) which can be applied to the jamb (1,2) or transom (3) of the door frame for clamping the second limb (14b) of the cover element (14) against the associated face (4-6) of the door opening.

*Complete Specification : 9 pages.*

*Drawing : 2 sheets.*

Ind.Cl : 191158

Int.Cl<sup>4</sup> : C 07 C 253/30

Title : A PROCESS FOR THE PREPARATION OF NON-CONJUGATED, LINEAR ACYCLIC 3-AND/OR 4-MONOALKENENITRILES BY VAPOR-PHASE ISOMERIZATION OF AN ACYCLIC, ALIPHATIC, NONCOJUGATED 2-ALKYL-3-MONOALKENENITRILE.

Applicant : E.I DU PONT DE NEMOURS AND COMPANY OF STATES OF DELAWARE  
WILMINGTON, UNITED STATES OF AMERICA.

Inventor : 1. JOE DOUGLAS DRULENER.  
2. NORMAN HERRON.

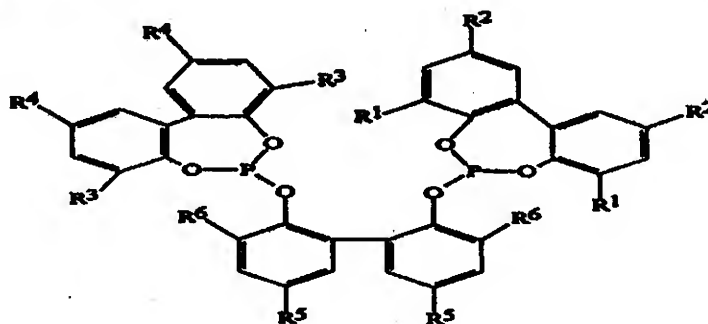
Application no. 493/CAL/97 FILED ON 19.03.1997  
(CONVENTION NO. 60/014,534 FILED ON 02.04.1996 IN U.S.A.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

**10 CLAIMS.**

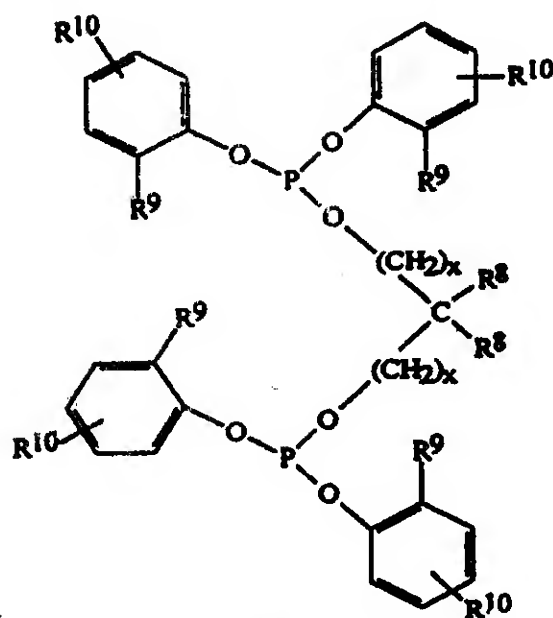
A process for the preparation of non-conjugated, linear, acyclic 3-and/or 4-monoalkenenitriles by vapor-phase isomerization of an acyclic, aliphatic, nonconjugated 2-alkyl-3-monoalkenenitrile comprising, contacting the starting nitrile, at a temperature within the range of from 135°C to 300°C, with a supported catalyst comprising zero-valent nickel and a least one multidentate phosphite ligand selected from the group consisting of compounds represented by Formulas I and II:



Formula I

wherein

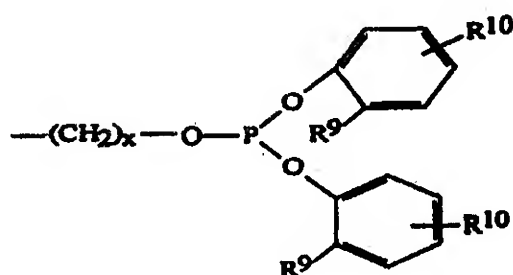
each R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup>, R<sup>4</sup>, R<sup>5</sup> and R<sup>6</sup> are independently, H, a branched or straight chain alkyl of upto 12 carbon atoms, or OR<sup>7</sup>, wherein R<sup>7</sup> is a C<sub>1</sub> to C<sub>12</sub> alkyl;



Formula II

wherein

each  $R^8$  is independently, H, a primary, secondary or tertiary hydrocarbyl of 1 to 12 carbon atoms, or B, where B is a substituent of the formula



wherein  $x$  is an integer from 1 to 12;

and

each  $R^9$  and  $R^{10}$  are independently, H, OR<sup>11</sup> wherein  $R^{11}$  is a  $C_1$  to  $C_{12}$  alkyl or a primary, secondary or tertiary hydrocarbyl of 3 to 12 carbon atoms and wherein  $R^{10}$  can be ortho, meta or para to the oxygen;

and wherein X is an integer from 1 to 12;

to produce non-conjugated, linear, acyclic 3-and/or 4-monoalkenenitriles.

*Complete Specification : 24 pages.*

*Drawing : NIL.*

---

Ind.Cl	:	136 (E)	191159
Int.Cl <sup>4</sup>	:	E 04 C 002/38 ; E 04 C 002/08	
Title	:	A STRUCTURAL BUILDING UNIT FOR INDUSTRIAL SHED ROOFING	
Applicant	:	IAN LESLIE BERRYMAN, OF 9 MOLONG STREET, MOLONG, NEW SOUTH WALES, 2866, AUSTRALIA.	
Inventor	:	IAN LESLIE BERRYMAN	
Application no.	:	1142/CAL/97 FILED ON 16.6.1997	

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*

*PATENT OFFICE KOLKATA.*

**6 CLAIMS.**

A structural building unit (1) for industrial shed roofing comprising two parallel and spaced apart hollow rectangular flanges (2,3) joined by a continuously longitudinally extending web (4), said web being formed by a plurality of linear segments (5,6,7,8) arranged in a repeating sequence to respectively extend along said flanges closely adjacent one longitudinal edge (9,10) across said flanges diagonally to the longitudinal direction, along said flanges closely adjacent an opposite longitudinal edge (11, 12) and across said flanges diagonally to the longitudinal direction.

**Complete Specification : 8 pages.**

**Drawing : 4 sheets.**

Ind.Cl : 62 (C) 32 (A) 191160

Int.Cl<sup>4</sup> : C 09 B 62/51 C 09 B 67/22 D 06 P 1/384

Title : A DYESTUFF MIXTURE WHICH HAS A CONTENT OF ONE OR MORE DISAZO DYESTUFFS AND A PROCESS FOR PREPARING THE SAME.

Applicant : DYESTAR TEXTILFARBEN GMBH & CO DEUTSCHLAND KG. OF D-60318 FRANKFURT AM MAIN, GERMANY.

Inventor : 1. DR. CHRISTIAN SCHUMACHER.  
2. DR. WERNER HUBERT RUSS.

Application no. 1508/CAL/97 FILED ON 14.8.1997

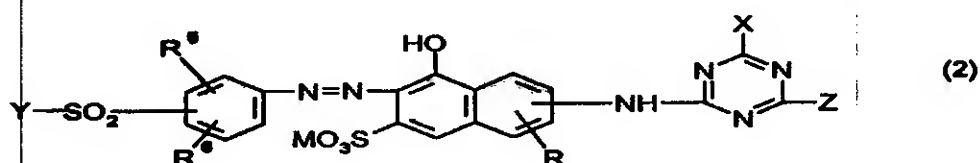
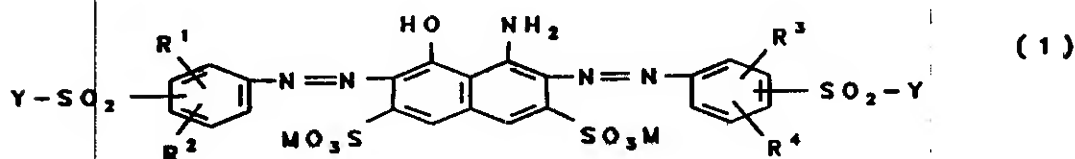
(CONVENTION NO. 19635999.6 FILED ON 05.09.1996 IN GERMANY.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

### 11 CLAIMS.

A dyestuff mixture which has a content of one of more disazo dyestuffs corresponding to the formula (1) and of one or more monoazo dyestuffs corresponding to the formula (2) with a proportion of the dyestuff or dyestuffs (2) of at least 3 mol%, based on the total amount of the dyestuffs (1) and (2) in the dyestuff mixture:



In which:

- M is hydrogen or an alkali metal;
- R<sup>1</sup> is hydrogen, methyl, ethyl, methoxy, ethoxy or sulfo;
- R<sup>2</sup> is hydrogen, methyl, ethyl, methoxy or ethoxy;
- R<sup>3</sup> is hydrogen, methyl, ethyl, methoxy, ethoxy or sulfo;
- R<sup>4</sup> is hydrogen, methyl, ethyl, methoxy or ethoxy;
- R<sup>5</sup> is hydrogen, methyl, ethyl, methoxy, ethoxy or sulfo;
- R<sup>6</sup> is hydrogen, methyl, ethyl, methoxy or ethoxy;
- Y is in each case independently of one another vinyl, β-chloroethyl, β-thiosulfatoethyl or β-sulfatoethyl;

R is in the 3- or 4-position on the 6-sulfo-8-hydroxy-naphth-7-yl radical and is hydrogen or sulfo;

X is chlorine or hydroxy;

Z is chlorine or hydroxy;

the triazinylamino group in formula (2) is bonded in the 2- or 3-position on the 6-sulfo-8-hydroxy-naphth-7-yl radical if R is hydrogen, in the 1- or 3-position on the 6-sulfo-8-hydroxy-naphth-7-yl radical if R is 4-sulfo and in the 1-position on the 6-sulfo-8-hydroxy-naphth-7-yl radical if R is 3-sulfo;

if X and Z are both chlorine, the mixture necessarily comprises at least one further dyestuff of the formula (2) where X or Z is hydroxy and optionally the mixture also comprises one or more monoazo dyestuffs of the formula (3), formula (4), formula (5).

*Complete Specification : 41 pages. Drawing : NIL*

Ind.Cl : 32 (C) 191211

Int.Cl<sup>4</sup> : C 07 C 51/58

Title : A PROCESS FOR PRODUCING PHOSGENE.

Applicant : E.I DU PONT DE NEMOURS AND COMPANY OF STATES OF  
1007 MARKET STREET, WILMINGTON, DELAWARE 19898,  
UNITED STATES OF AMERICA.

Inventor : 1. WALTER VLADIMIR CICHA.  
2. LEO ERNEST MANZER.

Application no. 1918/CAL/96 FILED ON 04.11.1996

(CONVENTION NO. 60/012,021 FILED ON 21.02.1996 IN UNITED STATES OF AMERICA.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

### 7 CLAIMS.

A process for producing phosgene, comprising :

Contacting a mixture comprising carbon monoxide (CO) and chlorine (Cl<sub>2</sub>) at about 300°C or less with carbon having an active metal content of less than about 1000 ppm by weight and weight loss of about 12% or less when heated in air at 125°C for 30 minutes, followed by heating at 200°C for 30 minutes, followed by heating at 300°C for 30 minutes, followed by heating at 350°C for 45 minutes, followed by heating at 400°C for 45 minutes followed by heating at 450°C for 45 minutes and finally followed by heating at 500°C for 30 minutes, wherein the said active metal is of the kind such as hereindescribed.

*Complete Specification : 9 pages. Drawing : NIL*

Ind.Cl : 136 (E) 191212  
Int.Cl<sup>4</sup> : B 29 C 59/02; 35/08 ; 44/56  
Title : A PROCESS FOR PRODUCING POROUS THERMO-PLASTIC  
MATERIAL WITH CLOSED PORES IN SELECTED AREAS OF  
THE SURFACE THEREOF.  
Applicant : HUMAL ELEKTROONIKA AS, OF PO BOX 86, EE -2400, TARTU,  
ESTONIA.  
Inventor : LEO- HENN HUMAL.  
Application no. 1317/CAL/96 FILED ON 22.7.1996.

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*

*PATENT OFFICE KOLKATA.*

**4 CLAIMS.**

A process for producing porous thermo-plastic material with closed pores in desired selected areas of the surface thereof, which comprises the steps of compressing said surface using a smooth transparent body wherein a transparent means containing a light-absorbing pattern is placed between said smooth transparent body and said porous material, and heating said selected areas by light of high intensity such as herein described conducted through said smooth transparent body while the surface is compressed.

***Complete Specification : 19 pages. Drawing : 9 sheets.***

**191213**

Ind.Cl : 186 A

Int.Cl<sup>4</sup> : H 03 M - 13/00

Title : AN APPARATUS FOR CONCEALING ERRORS IN A TRANSMITTED VIDEO SIGNAL.

Applicant : DAEWOO ELECTRONICS CORPORATION OF 686, AHYEON-DONG  
MAPO-GU, SEOUL, KOREA.

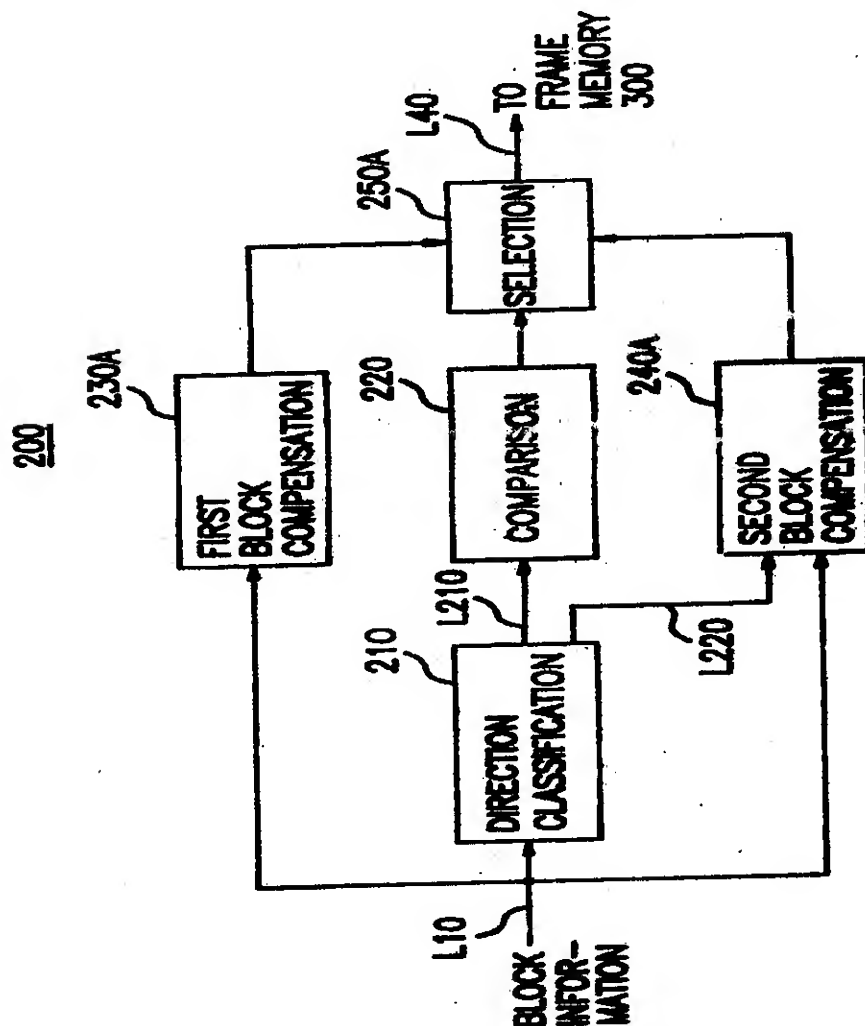
Inventor : JIN HUN- KIM

Application no. 2218/CAL/96 FILED ON 23.12.1996

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

7 CLAIMS.



An apparatus for concealing errors in a transmitted video signal in a compressed form, wherein the video signal is divided into a plurality of blocks each of which has  $N \times M$  pixel values with  $N$  and  $M$  being positive integers, the said apparatus comprises:

a direction classification block (210); and

a block generation block [(220, 230A, 240A and 250A) or (220, 230B, 240B, 250B, 260 and 270)] for producing a spatially interpolated block based on the pixel values of the neighboring blocks and the pixel interpolation direction, characterized in that the said direction classification block (210) comprises:

a gradient calculation sector (212) for computing an edge gradient at each of neighboring pixels included in a predetermined range of pixels surrounding the lost block based on the pixel values of the neighboring blocks and calculating a magnitude and an angle of each of the edge gradients;

a directional quantization sector (214) and a maximum gradient sector (216) for determining a pixel interpolation direction based on the edge gradients of neighboring pixels.

Complete Specification : 19 pages.

Drawing : 5 sheets.

Ind.Cl : 206 G 191214  
 Int.Cl<sup>4</sup> : H 04 K -1/00 H 03 D - 1/06  
 Title : A SPREAD SPECTRUM DEMODULATION COMMUNICATION RECEIVER.  
 Applicant : MATSUSHITA ELECTRIC INDUSTRIAL CO. LTD.  
 OF 1006, OAZA KADOMA, KADOMA-SHI, OSAKA 571, JAPAN  
 Inventor : TAKAYUKI NAKANO  
 Application no. 621/CAL/97 FILED ON 09.04.1997  
 (Convention no. 08/648,811 FILED ON 16.5.96 IN USA)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

### 5 CLAIMS.

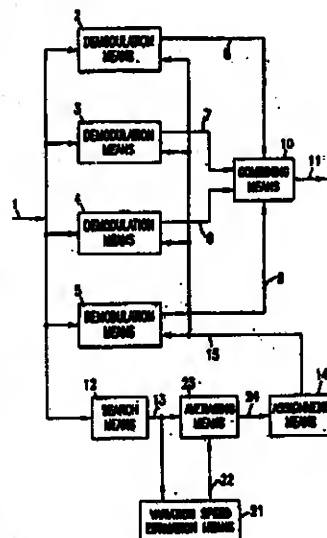
A spread spectrum demodulation communication receiver for demodulating and combining a selected plurality of multi-path components of a digital transmission signal which has been modulated in accordance with a spread code signal, comprising:

A plurality of spread code demodulation means (2,3,4,5) each demodulation means demodulating a selected one or more of said plurality of multi-path components of said digital transmission signal in accordance with spread code phase and reception timing assignments;

A correlation level search means (12) for determining a correlation level corresponding to a spread code phase and a reception timing for each of said multi-path components;

Estimating means (21) for estimating the rates of change of said correlation levels; and

A phase assignment means (14) for providing said spread code phase and a reception timing assignment to each of said demodulation means in accordance with said correlation levels and said estimated rates of change.



Complete Specification : 24 pages.

Drawing : 16 sheets.

Ind.Cl : 32 A(1) 191215  
Int.Cl<sup>4</sup> : C 09 B 29/36, 29/03  
Title : A PROCESS FOR PREPARING AN AZO DYE  
Applicant : ENGELHARD CORPORATION, OF THE STATE OF DELAWARE, 101  
WOOD AVENUE, ISLIN, NEW JERSEY 08830,  
UNITED STATES OF AMERICA.

Inventor : BYRON G. HAYS.

Application no. 893/CAL/1997 FILED ON 19.05.1997

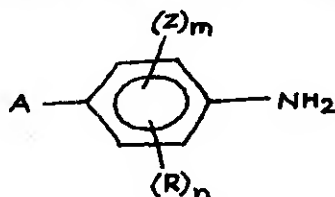
(CONVENTION NO. 08/672,386 FILED ON 30.5.1996 IN UNITED STATES OF AMERICA.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

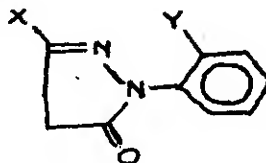
PATENT OFFICE KOLKATA.

4 CLAIMS.

A process for preparing an azo dye which comprises coupling (i) at least one diazonium component of one or more aromatic amines characterized by the formula :



Wherein A is a halogen group, each R is independently a halogen, hydrocarbyl, hydrocarbyloxy, carboxylic acid ester, sulfonic acid ester, carboxylic acid amide, imidazolone, sulfonic acid amide or nitro group; n is equal to 0, 1 or 2; each Z is independently a -COOH or -SO<sub>3</sub>H group, or salts of such groups; and m is equal to 1 or 2; with (ii) at least one coupling component of the formula :



Wherein X is a hydrocarbyl, carboxylic acid ester, sulfonic acid ester, carboxylic acid amide or sulfonic acid amide group; and Y is a hydrocarbyl, halogen or hydrocarbyloxy group.

Complete Specification : 24 pages.

Drawing : NIL

191216

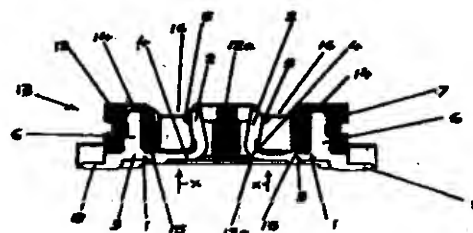
Ind.Cl : 65 B<sub>2</sub>  
Int.Cl<sup>4</sup> : H 01 R - 9/09  
Title : AN ELECTRICAL TERMINAL AND AN ELECTRICAL CONNECTOR  
USING SUCH TERMINALS.  
Applicant : MOLEX INCORPORATED, OF 2222 WELLINGTON, COURT, Lisle,  
ILLINOIS 60532, UNITED STATES OF AMERICA.  
Inventor : TOSHIHIRO NIITSU  
Application no. 391/CAL/97 FILED ON 05.03.1997  
(CONVENTION NO. 85734/1996 FILED ON 14.3.1996 IN JAPAN.)

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

7 CLAIMS.

An electrical terminal (1) for mounting in an electrical connector (13), said terminal being stamped from sheet metal material of a predetermined thickness and having a thickness (t) generally equal to the thickness of the sheet metal material, said terminal being generally U-shaped and comprising a generally rigid retention arm (6), and a flexible contact arm (2) joined to the retention arm at a junction portion (4) by a generally rigid base (3) having a base width (B) parallel to a plane of said terminal (1), a solder tail (B) extending from said base (3), said contact arm (2) having a first width (A) parallel to the plane of said terminal (1) and comprising a contact portion (5) projecting towards the retention arm (6) for engaging said terminal (1), said junction portion (4) having a width (C) parallel to the plane of said terminal (1), said base width (B) and said first width (A) being greater than said thickness (t) of said terminal (1) and said junction width (C) being less than said thickness of said terminal (1).



Complete Specification : 12 pages.

Drawing : 5 sheets.

Ind.CI : 206 E. 191217

Int.Cl<sup>4</sup> : G 11 C 19/00, H 03 K 23/00

Title : CIRCUIT ARRANGEMENT HAVING A NUMBER OF ELECTRONIC CIRCUIT COMPONENTS.

Applicant : SIMENS AKTIENGESELLSCHAFT  
OF WITTELSBACHERPLATZ 2, 80333 MUNCHEN GERMANY

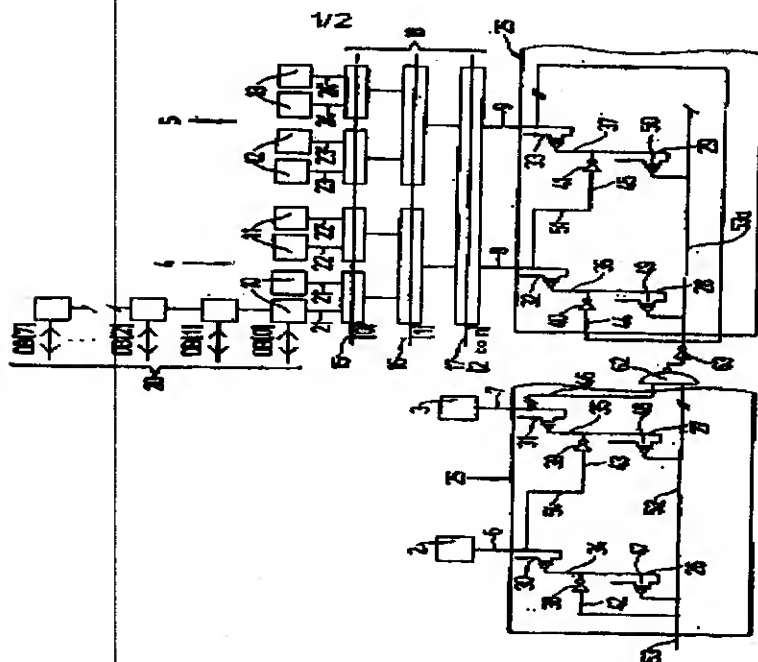
Inventor : 1. HOLGER SEDLAK  
2. STEFAN PFAB.  
3. KLAUS OBERLAENDER.

Application no. 480/CAL/97 FILED ON 18.03.1997  
(CONVENTION NO. 19612440.9 FILED ON 28.3.1997 IN GERMANY.)

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*

*PATENT OFFICE KOLKATA.*

**21 CLAIMS.**



Circuit arrangement having a number of electronic circuit components (2,3,4,5) whose operating stage can be put into an erase state, in which the data content of the respective circuit component (2,3,4,5,) adopts a logic zero value, using a predetermined control or data signal (6,7,8,9) which can be applied to said circuit component (2,3,4,5), where for the purpose of actuating all said circuit components (2,3,4,5) at successive times, a selection circuit (25) which operates autonomously after triggering and has a number of opening stages (26,27,28,29) connected in series with one another which corresponds to the number of circuit components (2,3,4,5) is provided, each opening stage (26,27,28,29) can be activated or driven by an opening signal (42,43,44,45), generated by said opening stage (26,27,28,29) arranged immediately upstream, for outputting a control signal to the associated circuit component, and the opening stage (26,26,28,29) for its part outputs in an opening signal (42,43,44,45), when the associated circuit component (2,3,4,5,) has been actuated, for actuating or activating said opening stage (26,2,27,28,29) arranged immediately downstream,

characterized in that each said opening stage comprises a gate circuit comprising an enable switch (47,48,49,50) which is turned off by means of an enable signal on an enable signal line (52) when the enable signal has the logic 'one' level, and which is on when the enable signal has a logic 'zero' level, a switching transistor (30,31,32,33) having a respective control connection (34,35,36,37) which is connected to said enable switch, and a driver (38,39,40,41) which actuates the control connection of the switching transistor and turns on said switching transistor in order to actuate said circuit component (2,3,4,5) in question when there is a driver signal of logic 'one' at an input of said driver and turns off said switching transistor when there is driver signal of logic 'zero' at the input of the driver, and said switching transistor, when it is turned on, outputs an opening signal which is used to control resetting or erasing of the data content of the circuit component to the logic value 'zero', and then a driver signal is output to the input of the driver in the opening stage arranged downstream, said driver signal being used to activate this opening stage.

*Complete Specification : 22 pages.*

*Drawing : 2 sheets.*

**191218**

Ind.Cl : 128 K  
Int.Cl<sup>4</sup> : A 61 B 17/12  
Title : BRANCHING DEVICE FOR A BLOOD VESSEL.  
Applicant : JAN OTTO SOLEM, OF NORDMANNAVAGEN 20, S-237 31 BJARRED  
SWEDEN  
Inventor : JAN OTTO SOLEM  
Application no. 882/CAL/97 FILED ON 16.5.1997

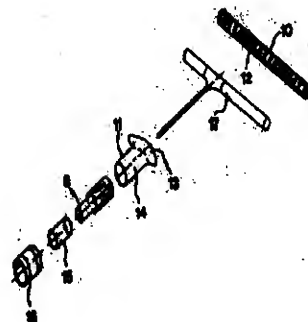
(CONVENTION NO. 9601884.1 FILED ON 17.5 1996 IN SWEDEN.)

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*

*PATENT OFFICE KOLKATA.*

**10 CLAIMS.**

A branching device for a blood vessel, comprising a sleeve (10), which is radially extensible and has an opening (12) in its circumferential surface, characterised by a collar (11) which consists of a fluid-tight material and is fixed to the sleeve before the branching device is used and which has on the one hand a shoulder portion (13) extending at least around the opening in the circumferential surface of the sleeve and, on the other hand, a neck portion (14) integral with the shoulder portion and projecting radially from the opening in the circumferential surface of the sleeve.



***Complete Specification : 10 pages.***

***Drawing : 3 sheets.***

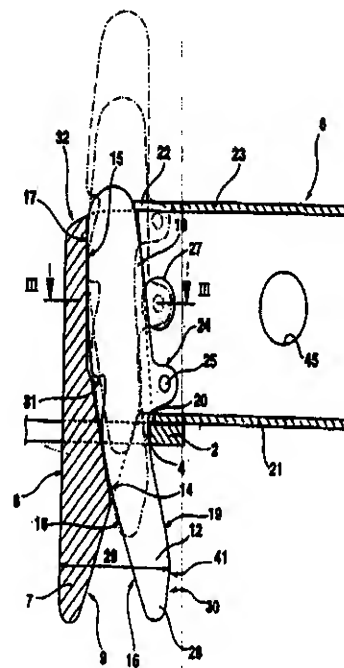
Ind.Cl	:	76 E	<b>191219</b>
Int.Cl <sup>4</sup>	:	E 04 G 1/14, 7/30	
Title	:	SCAFFOLD JOINT ASSEMBLY	
Applicant	:	PERI GMBH, OF RUDOLF-DIESEL-STRASSE, D-89264 WEISSENHORN GERMANY.	
Inventor	:	ARTUR SCHWORER	
Application no.	:	1251/CAL/97 FILED ON 30.6.1997	

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)

PATENT OFFICE KOLKATA.

**18 CLAIMS.**

A scaffold joint assembly with transverse braces (6) and posts (1) having at least one protrusion (2) extending in a radial direction with respect to the post axis from its outer surface, the protrusion (2) having an opening (4) into which a hook (7) disposed on an end of the brace (6) can be introduced from an upward direction, and having a wedge (47) displaceable at an acute angle with respect to the post axis at the end of the brace, which below the opening (4), is separated from the contours of the hook after introduction of the hook (7) into the opening (4) to block movement of the end of the brace in the upward direction through the opening (4) (spread position), characterized in that a lower end (48) of said wedge (47) projects beyond the contours of said hook (7) in the sideward direction prior to complete introduction of the hook (7) into said opening (4) so that this end seats on an edge (49) of the opening (4) when introducing the hook (7) into the opening (4) and can be displaced upwardly when the hook is introduced further.



Complete Specification : 23 pages.

Drawing : 4 sheets.

191220

Ind.Cl :  
Int.Cl<sup>4</sup> : C 07 C 7/08, 7/10  
Title : A PROCESS FOR PRODUCING STYRENE FROM A FEEDSTOCK  
CONTAINING STYRENE, ETHYLBENZENE AND AROMATIC OR  
NON-AROMATIC HYDROCARBON.

Applicant : HFM INTERNATIONAL, INC. OF 4900 SINGLETON, DALLAS,  
TEXAS 75212, UNITED STATES OF AMERICA.

Inventor : 1. MING-FU LEE.  
2. JOSEPH C. GENTRY.  
3. STEPHEN G. NORWOOD.

Application no. 425/CAL.97 FILED ON 11.03.1997

(Convention no. 08/719,692 FILED ON 26.09.1996 IN UNITED STATES OF AMERICA.)

*APPROPRIATE OFFICE FOR OPPOSITION PROCEEDING (RULE 4, PATENT RULES 2003)*

*PATENT OFFICE KOLKATA.*

**10 CLAIMS.**

A process for producing styrene from a feedstock containing styrene, ethylbenzene and at least one aromatic or non-aromatic hydrocarbon comprising:

feeding said feedstock into a single distillation column;  
feeding a two-part extractive solvent into said distillation column, said solvent consisting essentially of a first part selected from the group consisting of propylene carbonate, sulfolane (tetramethylene sulfone), methyl carbitol, 1-methyl-2-pyrrolidinone, 2-pyrrolidinone and mixtures thereof, but not including water, and a second part consisting of water, said two parts of said two-part extractive solvent being fed to said distillation column separately and independently at different locations along said single distillation column;

distilling said feedstock in said distillation column in the presence of said extractive solvent to produce:

- (a) a solvent fraction relatively rich in styrene compared to the feedstock fed to said distillation column; and
- (b) an overhead fraction comprising at least some of said at least one close boiling aromatic or non-aromatic hydrocarbon and being relatively lean in styrene compared to said feedstock;

withdrawing said solvent fraction from said distillation column; and  
with drawing said overhead fraction from said distillation column; and  
separating at least styrene and ethylbenzene from one another in the course or performing the  
foregoing steps of said process;  
in which said separation of styrene and ethylbenzene is effected in said distillation column; and  
in which ethylbenzene following its separation from styrene is dehydrogenated to produce  
additional styrene.

***Complete Specification : 31 pages.***

***Drawing : 6 sheets.***

---

Ind. Cl. : 1071 191221

Int Cl<sup>4</sup> : F 02 M 013 / 08

"NON FRAYABLE BRUSH MATS WITH NON SKID BACKING,  
A DEVICE AND A METHOD OF MAKING SUCH MATS"

APPLICANT(S) : SOMENA HALLI VENKATASESHACHAR  
JANARDAN \* 980, 12-A CROSS,  
35TH MAIN, 1ST PHASE, J.P. NAGAR,  
BANGALORE 560 078.

INVENTOR(S) : 1. SOMENA HALLI VENKATASESHACHAR

APPLICATION NO : 109 MAS 93 FILED ON 15-Feb-93 INDIA

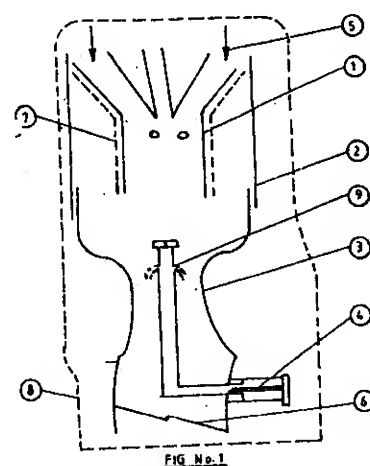
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 , PATENTS RULES, 2003 ) PATENT OFFICE, CHENNAI BRANCH.

#### 4 CLAIMS

A carburettor system for petrol engines consisting of one main orifice to meter the fuel flow and a venturi for allowing the air to pass through the carburettor system characterised in that a primary air pressurising duct and a secondary air pressurising duct being provided in the path of air flow before the venturi of the carburettor system, the aforesaid air ducts are intended to neutralise acute pressure drop created at high speed of the engine.

COMP.SPECN: 9 PAGES

DRAWING: 2 SHEETS.



Ind. Cl. : 176 F, I **191222**

Int Cl<sup>4</sup> : F 22 D 001 / 00

"A WASTE HEAT BOILER"

APPLICANT(S) : FOSTER WHEELER ENERGIA OY  
SENTNERIKUJA 2  
00440 HELSINKI  
FINLAND  
A FINNISH COMPANY

INVENTOR(S) : 1. HANNU HOLOPAINEN;  
2. RAUNO PEIPPO.

APPLICATION NO : 699 MAS 95 FILED ON 9-Jun-95

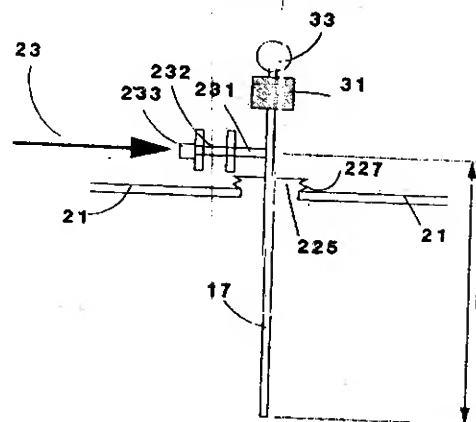
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 , PATENTS RULES, 2003 ) PATENT OFFICE, CHENNAI BRANCH.

### 19 CLAIMS

A waste heat boiler, in which gas, produced in high-temperature processes and containing evaporated components and/or molten and/or solid particles, is cooled at least in a gas space of a radiation section in the boiler, at least partially defined by cooled surfaces, and in which waste heat boiler the gas space of the radiation section of the waste heat boiler is provided with at least one panel in such a way that

- the panel extends to the gas space of the radiation section, and is traverse to the gas flow direction and comprises cooling tubes, and
- rapping means of the panel are provided in the panel portion outside the gas space. and
- a ceiling surface of the radiation section comprises ceiling surfaces arranged at different levels in different sides of the location of the panel wherein the panel is formed as an extension to a higher level ceiling surface by bending the ceiling surface downwards in such a way that the panel extends to the gas space of the radiation section past a lower level ceiling surface.

COMP.SPECN: 23 PAGES DRAWING: 3 SHEETS.



Ind.Cl.: 206 E 191223

Int Cl<sup>4</sup> : H 04 B 7 / 185

"A RADIO APPARATUS FOR RAPID SIGNAL ACQUISITION  
IN A SATELLITE COMMUNICATIONS SYSTEMS"

APPLICANT(S) : QUALCOMM INCORPORATED  
OF 6455 LUSK BOULEVARD, SAN DIEGO,  
CALIFORNIA 92121, USA.  
STATE OF INCORPORATION : DELAWARE

INVENTOR(S) : 1. STEPHEN S CARTER.

Application No. 839/MAS/95 filed on 07-Jul-95

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 , PATENTS RULES, 2003 ) PATENT OFFICE, CHENNAI BRANCH.

### 7 CLAIMS

A radio apparatus acquiring a communication signal having a predetermined signal carrier frequency which is received from at least one communication satellite or a constellation of satellites, comprising:

a clock;

a memory for storing an ephemeris of said at least one satellite;

a processor for determining a first spatial position for said radio apparatus at a first point in time as indicated by said clock wherein said first spatial position and said first point in time are stored at said memory, for determining, at a current time, an amount of time that has passed since said first point in time, and for estimating a second spatial position said radio apparatus could move to from said first spatial position during said amount of time that has passed since said first spatial position was determined; and a searcher for searching a frequency band for the communication signal determined by said estimated second spatial position, current time, and ephemeris data, within a frequency bandwidth based on said amount of time that has passed.

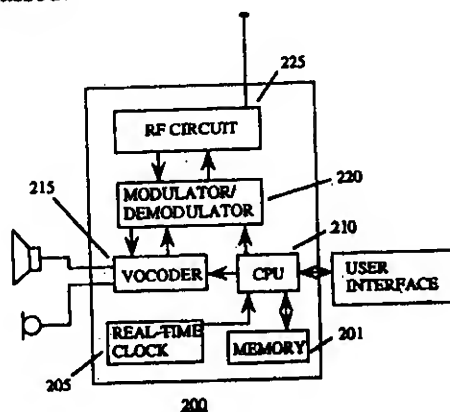


FIG. 2

Ind. Cl. : 128 A **191224**

Int Cl<sup>4</sup> : A 61 F 13 / 16

"A SUPPORT DEVICE FOR AN  
ABSORBENT ARTICLE"

APPLICANT(S) : KIMBERLY-CLARK WORLDWIDE INCORPORATED  
OF 401 N. LAKE STREET,  
NEENAH, WISCONSIN 54956,  
AN U S COMPANY

INVENTOR(S) : 1. CHRISTINE DAWN MANZO.

Application No. 885/MAS/95 filed on 13-Jul-95

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 , PATENTS RULES, 2003 ) PATENT OFFICE, CHENNAI BRANCH.

#### 20 CLAIMS

A support device for an absorbent article, comprising : a) stationary member configured to extend along a predetermined length of a wearer's crotch region; b) a substantially non-absorbent moveable member; and c) a first securement means for movably affixing said movable member to said stationary member, wherein said moveable member can be adjusted along a portion of said stationary member.

COMP.SPECN: 25 PAGES DRAWING: 7 SHEETS.

Ind.Cl.:

48 D 3

191225

Int Cl<sup>4</sup> :

B 25 B 1 / 20

"CLAMPING APPARATUS FOR A COIL"

APPLICANT(S) :

MITSUBISHI DENKI KABUSHIKI KAISHA,  
A COMPANY ORGANIZED AND EXISTING  
UNDER THE LAWS OF JAPAN OF 2-3,  
MARUNOUCHI 2-CHOME, CHIYODA-KU,  
TOKYO 100 JAPAN

INVENTOR(S) :

1. MIKIO IGUCHI.

Application No.

910/MAS/95

filed on 18-Jul-95

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 , PATENTS RULES, 2003 ) PATENT OFFICE, CHENNAI BRANCH.

## 17 CLAIMS

A clamping apparatus for a coil having a plurality of generally U-shaped winding wires comprising:

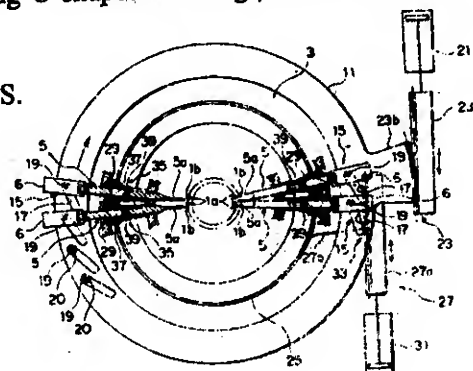
a support disk having a central axis;

a plurality of clamp pins disposed on said support disk for rotation relative thereto and spaced from each other with predetermined circumferential intervals, each of said clamp pins being movable in a radial direction of said support disk and having a tapered tip end directed toward the central axis of said support disk, each of said tip ends having two pairs of engagement grooves formed therein;

first drive means for driving said clamp pins to move in a direction radially of said support disk by a predetermined radial distance whereby the tapered tip end of each clamp pin is adapted to move into or out of adjacent ones of said U-shaped winding wires; and

second drive means for driving said clamp pins to rotate around their longitudinal axis by a predetermined rotational angle whereby the engagement grooves in each clamp pin are adapted to engage corresponding U-shaped winding wires to fixedly clamp them.

COMP.SPECN: 24 PAGES DRAWING: 4 SHEETS.



Ind. Cl.: 128 a 191226

Int Cl<sup>4</sup> : A 61 F 13 / 20

"A TAMPON APPLICATOR"

APPLICANT(S): KIMBERLY-CLARK WORLDWIDE INC.  
OF 401 NORTH LAKE STREET  
NEENAH, WISCONSIN 54957-0349  
UNITED STATES OF AMERICA  
US COMPANY

INVENTOR(S): 1. STEVEN JAMES NIELSEN;  
2. ALLAN JAMES KRUEGER;  
3. NOEL JOHN RASMUSSEN;  
4. TAMMY JO RENTMEESTER;  
5. RICHARD ROY TEWS;  
6. JEFFREY MICHAEL WEYENBERG.

Application No. 1004/MAS/95 filed on 07-Aug-95

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 , PATENTS RULES, 2003 ) PATENT OFFICE, CHENNAI BRANCH.

### 23 CLAIMS

A tampon applicator comprising; first member capable of housing a catamenial tampon, said first member having a central longitudinal axis and first and second ends; an insertion tip integrally formed on said first end of said first member and extending outwardly therefrom, said insertion tip having a semi-spherical shaped portion and a frusto-conical shaped portion, said semi-spherical shaped portion having an aperture formed therethrough and said aperture having a said wall which is aligned essentially parallel to said central longitudinal axis and said frusto-conical shaped portion situated between said semi-spherical shaped portion and first end of said first member, said insertion tip having a plurality of pleats capable of expanding outward as said tampon is expelled from said first member; and a second member telescopically mounted in said second end of said first member, said second member adapted to expel said tampon through said insertion tip as it is pushed into said first member.

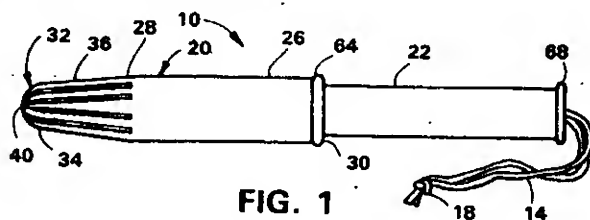


FIG. 1

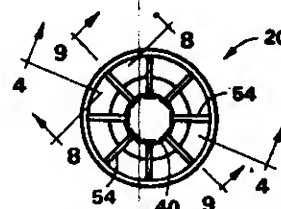


FIG. 3

Ind.Cl.: 132 D 191227  
Int Cl<sup>4</sup> B 01 F 5 / 06

"A MIXING ELEMENT AND A METHOD  
OF PRODUCING THE SAME"

APPLICANT(S): HISAO KOJIMA, OF 3-53-21,  
SHIOIRI-CHO, TSURUMI-KU,  
YOKOHAMA-SHI, KANAGAWA-KEN,  
JAPAN  
A JAPANESE CITIZEN

INVENTOR(S): 1. HISAO KOJIMA.

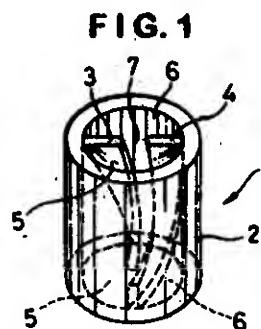
Application No. 1161/MAS/95 filed on 06-Sep-95

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 , PATENTS RULES, 2003 )PATENT OFFICE, CHENNAI BRANCH.

### 8 CLAIMS

A mixing element for static type motionless fluid mixer comprising a cylindrical passage pipe through which a liquid flows; and a plurality of blade bodies disposed inside the passage pipe, the blade bodies forming inside the passage pipe a plurality of fluid passages extending spirally and in a longitudinal direction of the passage pipe, and a gap between the blade bodies forming an opening for communicating the fluid passages with each other.

COMP.SPECN: 48 PAGES DRAWING: 17 SHEETS



Ind.Cl.: 89 191228

Int Cl<sup>4</sup> : G 01 M 19 / 00

**"A MULTI CHANNEL AUTOMATED STATIC  
LOAD TESTING MACHINE"**

**APPLICANT(S) :**  
ISRO GOVT. OF INDIA UNDERTAKING  
DEPARTMENT OF SPACE  
NEW BEL ROAD  
ANTARIKSH BHAVAN  
BANGALORE 560 094  
A GOVERNMENT OF INDIA ORGANIZATION

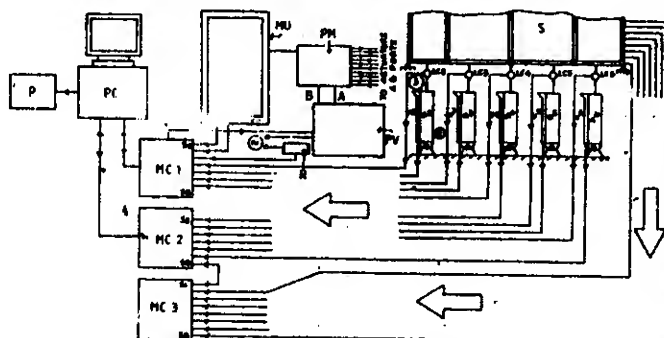
**INVENTOR(S) :**  
1. RAJKUMAR SAMUEL; 2. KUTTY KRISHNA; MENON HARIDAS;  
3. VASUDEVAN KESAVAN; 4. TADIMIRI SRINIVASACHAR SRIRANGA;  
5. MADABUSI VIJAYARAGHAVAN KANNAN;  
6. PARAMESHVARAM SIVASANKARAN NAIR; 7. ANANTHA VISHVANATH PAKTI

Application No. 1356/MAS/95 filed on 19-Oct-95

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 , PATENTS RULES, 2003 ) PATENT OFFICE, CHENNAI BRANCH.

**10 CLAIMS**

A multi channel automated static load testing machine comprising a master unit (MU) for applying load or pressure consisting of at least one activator provided with distance measuring means (V2 to V6) to indicate the activator displacement and a load cell (LC2 to LC6), the said master unit being connected to a hydraulic power pack (PV) provided with valve means, and a pressure distributing manifold (PM) connected to a plurality of additional activators (2 to 6) with distance measuring means (V2 to V6) and load cells (LC2 to LC6) being located below a loading ramp to house the structure to be tested, the said master unit (MU), the said additional activators (2 to 6) and the said load cells (LC2 to LC6) being connected through at least one multi channel converter (MC1 to MC3) to obtain displacement data of the structure when a predetermined load is applied thereon, and at least one relay means (R ) being provided for deactivating the said master unit (MU).



COMP.SPECN: 10 PAGES DRAWING: 1 SHEET.

Ind. Cl. : 107 E, K

191229

Int Cl<sup>4</sup> : F 02 D 13 / 00

"AN EXHAUST VALVE DEVICE"

APPLICANT(S) : HONDA GIKEN KOGYO KABUSHIKI  
KAISHA  
1-1, MINAMI-AOYAMA 2-CHOME  
MINATO-KU, TOKYO  
JAPAN

INVENTOR(S) : 1. MITSUO KUSA;  
2. MASASHI YOKOYAMA;  
3. KAORU HAYASHI;  
4. MIKIO SAGARA.

APPLICATION NO : 778 MAS 00 filed on 18-Sep-00

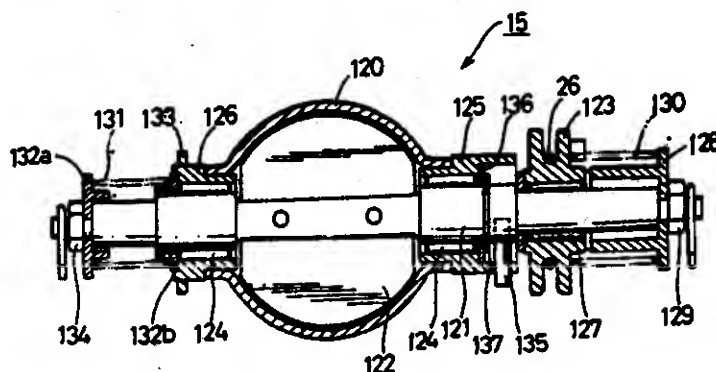
Divisional to Patent Application No: 1172/MAS/94  
Ante-dated to 25th Nov, 1994

APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 , PATENTS RULES, 2003 ) PATENT OFFICE, CHENNAI BRANCH.

## 5 CLAIMS

An exhaust valve device comprising a pipe defining a passage therein for passage therethrough of exhaust gases emitted from the internal combustion engine; a shaft rotatably extending transversely through said pipe perpendicularly to the axis of the pipe and having at least one end portion projecting from said pipe; an exhaust valve fixedly mounted on said shaft in said pipe for selectively opening and closing said passage; and a junction box for branching a throttle cable.

FIG. 4



COMP.SPECN: 30 PAGES DRAWING: 17 SHEETS.

Ind. Cl. : 32 F 3 (a) **191230**

Int Cl<sup>4</sup> : C 07 C 69/74

"A METHOD FOR PRODUCING 2,2-DIMETHYL-3-(1-PROPENYL) CYCLOPROPANECARBOXYLATE ESTER"

APPLICANT(S) : SUMITOMO CHEMICAL COMPANY  
LIMITED, OF 5-33, KITAHAMA  
4-CHOME, CHUO-KU,  
OSAKA 541-8550,  
JAPAN  
A JAPANESE COMPANY

INVENTOR(S) : 1. TOMONORI YOSHIYAMA.

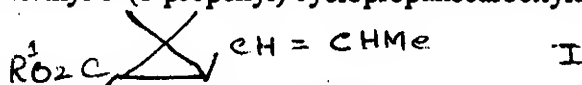
APPLICATION NO : 35 MAS 01 filed on 10-Jan-01

CONVENTION NO : 2000-03569 ON 12-Jan-00 JAPAN

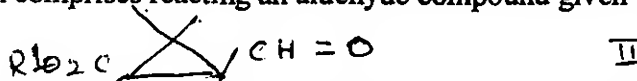
APPROPRIATE OFFICE FOR OPPOSITION PROCEEDINGS  
( RULE 4 , PATENTS RULES, 2003 ) PATENT OFFICE, CHENNAI BRANCH.

## 5 CLAIMS

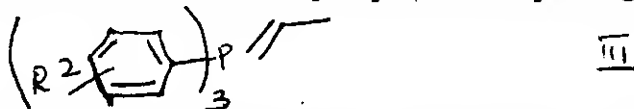
A method for producing 2,2-dimethyl-3-(1-propenyl) cyclopropanecarboxylate ester of formula I



Wherein R<sup>1</sup> represents a C<sub>1-6</sub> alkyl group, C<sub>3-6</sub> cycloalkyl group, C<sub>2-6</sub> alkenyl group or C<sub>4-6</sub> cycloalkenyl group, which comprises reacting an aldehyde compound given by formula II



Wherein R<sup>1</sup> has the same meaning as above, with a phosphorane compound given by formula III



Wherein R<sup>2</sup> represents a hydrogen atom, halogen atom or C<sub>1-4</sub> alkyl group, in an organic solvent at a temperature of -20<sup>0</sup> C to 120<sup>0</sup> C, wherein said phosphorane compound is used at a ratio of 0.9 to 0.2 moles based on 1 mole of said aldehyde compound; obtaining a liquid distillate by a step selected from (a) adding water to the reaction mixture and heating (b) heating water while adding the reaction mixture to the water, or (c) heating the reaction mixture while adding water or blowing steam to the reaction mixture; and removing water from the liquid distillate by phase separation and evaporating the organic solvent to obtain the 2,2-dimethyl-3-(1-propenyl) cyclopropanecarboxylate ester.

COMP.SPECN: 14 PAGES DRAWING: NIL SHEETS,

Indian Classification	:	55 E1	191231
International Classification <sup>7</sup>	:	A61K 39/00	
Title	:	"A PROCESS FOR THE PREPARATION OF ANTISERA USEFUL FOR IMMUNODIAGNOSIS OF BRAIN TUMOR."	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi – 110 001, INDIA, an Indian body incorporated under the Registration of Societies Act (XXI of 1860).	
Inventors	:	PRANAB SANKAR BASU - INDIAN KAZI AMINUL ISLAM SIDDIQUI- INDIAN RAMDHAN MAJHI - INDIAN SAMARENDRANATH GHOSH - INDIAN SANDIP KUMAR BATASYAL - INDIAN	

Application for Patent Number 331/Del/99 filed on 25<sup>th</sup> Feb. 1999.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

**( 2 Claims )**

A process for the preparation of antisera useful for immunodiagnosis of brain tumor which comprises.

- a) collection of glioma tumor tissue, homogenising tissue in buffer as herein described containing cocktail of protease inhibitor by methods as herein described.
- b) Separation of supernatant by centrifugation.
- c) Isolation of lectin from supernatant/cystic fluid by conventional methods as herein described.
- d) Collection of lectin having retention time 24.68 min. using buffer in pH range of 5 to 10.
- e) Concentrating fraction followed by purification by known methods at 4°C to obtain purified lectin.
- f) Immunising a rabbit with the above said purified lectin.
- g) Collecting serum from the said immunized rabbit by methods as herein described to obtain antisera.

(Complete Specification 11 Pages Drawings Nil Sheet)

Indian Classification	:	32 F1	191232
International Classification <sup>7</sup>	:	A62D 003/00	
Title	:	"AN IMPROVED PROCESS FOR THE REPARATION OF NON-TOXIC SULPHUR MUSTARD."	
Applicant	:	THE CHIEF CONTROLLER RESEARCH & DEVELOPMENT, MINISTRY OF DEFENCE, GOVT. OF INDIA, NEW DELHI AND INDIAN NATIONAL.	
Inventors	:	RAMESH CHANDRA MALHOTRA - INDIAN BALWANT SINGH BATRA - INDIAN KUMARAN GANESAN - INDIAN RAMAMOORTHY VAIDYANATHA SWAMY- INDIAN	

Application for Patent Number 407/Del/99 filed on 15<sup>th</sup> March 1999.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi - 110 008.

**( 4 Claims )**

An improved process for the preparation of non-toxic sulphur mustard comprising adding sulphur mustard (SM) to a thiophilic reagent as herein described in the ratio of 3-10% respectively under stirring at a temperature of 40-100°C for a period of 10-180 minutes, cooling said reaction mixture to room temperature and filtering the same to separate the solids and then removing amine from the solids by passing hot air and to obtain non-toxic solid of sulphur mustard.

(Complete Specification 11 Pages Drawings Nil Sheet)

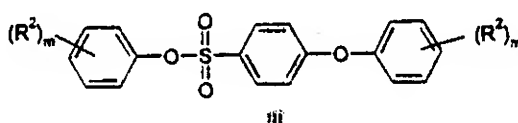
Indian Classification	:	32 F	191233
International Classification <sup>7</sup>	:	C07C 301/02; C07C 315/00; C07C 309/00	
Title	:	"A PROCESS FOR PREPARING PHENOXYBENZENESULFONIC ACID PHENYL ESTER."	A
Applicant	:	PFIZER PRODUCTS INC., a corporation organized under the laws of the state of Connecticut, United States of America, of Eastern Point Road, Groton, Connecticut 06340, United States of America.	
Inventors	:	JOEL MICHAEL HAWKINS - U.S.	

Application for Patent Number 511/Del/ 99 filed on 6<sup>th</sup> April 99.  
 Convention date 10.4.1998/ 60/081,393/ U.S.A

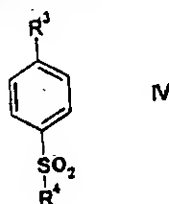
Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi - 110 005.

( 3 Claims )

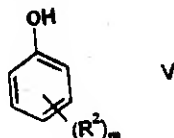
A. process for preparing a phenoxybenzenesulfonic acid phenyl ester of formula



wherein m is an integer from 1-3;  
 R<sup>2</sup> is fluoro, chloro, bromo, (C<sub>1</sub>-C<sub>6</sub>) alkyl, (C<sub>1</sub>-C<sub>6</sub>) alkoxy or perfluoro(C<sub>1</sub>-C<sub>3</sub>)alkyl;  
 comprising, reacting a compound of the formula



wherein R<sup>3</sup> is fluoro, chloro or bromo; and  
 R<sup>4</sup> is chloro or bromo; with a compound of the formula



wherein m is an integer from 1-3; and  
 R<sup>2</sup> is fluoro, chloro, bromo, (C<sub>1</sub>-C<sub>6</sub>) alkyl, (C<sub>1</sub>-C<sub>6</sub>) alkoxy or perfluoro(C<sub>1</sub>-C<sub>3</sub>)alkyl; in the presence of a base of the kind such as herein described and a solvent of the kind such as herein described at a temperature from 0°C to 150°C to produce the phenoxybenzenesulfonic acid phenyl ester

(Complete Specification 21 Pages ; Drawings Nil Sheets)

Indian Classification	:	32 F	191234
International Classification <sup>7</sup>	:	A61K 31/185 C07C 57/02	
Title	:	"AN IMPROVED PROCESS FOR THE PREPARATION OF 2-ARYL PROPIONIC ACIDS."	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi – 110 001, INDIA, an Indian body incorporated under the Registration of Societies Act (XXI of 1860).	
Inventors	:	RAGHUNATH VITTHAL CHAUDHARI - INDIAN SEAYAD ABDUL MAJEE – INDIAN JAYASREE SEAYAD - INDIAN	
Application for Patent Number 634/Del/99 filed on 23 <sup>rd</sup> April 1999.			

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

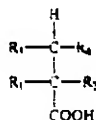
### ( 13 Claims )

An improved process for the preparation of 2-aryl propionic acids which comprises reacting an olefin having the general formula I



Formula I

wherein  $R_1$  may be aryl, substituted aryl, naphthyl or substituted naphthyl,  $R_2, R_3$  and  $R_4$  may independently be hydrogen, aryl, arylalkyl, cycloaliphatic with or without substituents, with a halide salt of the kind as herein described per gram mole of metal in the range of 5 to 500 moles, protonic acid of the kind as herein described per gram mole of metal in the range of 5 to 500 moles, water in the range of 1 to 6% (v/v) of the total reaction mixture, in the presence of heterogeneous ruthenium, cobalt or nickel metal as a catalyst wherein concentrations of metal is one mole of metal for every 500 to 50000 moles of olefin and a phosphine ligand in an organic solvent such as here in described in the carbon monoxide atmosphere at a temperature ranging between 30 to 130°C, for a period ranging between 0.3 to 4 hrs, at pressures ranging between 50 to 1500 psig, cooling the reaction mixture to ambient temperature, flushing the reaction vessel with inert gas, separating the catalyst, removing the solvent by conventional methods, and isolating the 2-aryl propionic acid of formula II



Formula II

(Complete Specification 34 Pages Drawings 1 Sheet)

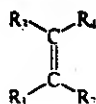
Indian Classification	:	32 F(3b)	191235
International Classification <sup>7</sup>	:	C07C 51/14	
Title	:	"AN IMPROVED PROCESS FOR THE PREPARATION OF 2-ARYL PROPIONIC ACIDS."	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi - 110 001, INDIA, an Indian body incorporated under the Registration of Societies Act (XXI of 1860).	
Inventors	:	RAGHUNATH VITTHAL CHAUDHARI - INDIAN JAYASREE SEAYAD - INDIAN SEAYAD ABDUL MAZEED - INDIAN	

Application for Patent Number 682/Del/99 filed on 5<sup>th</sup> May 1999.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003:) Patent Office Branch, New Delhi - 110 008.

( 9 Claims )

An improved process for the preparation of 2-aryl propionic acids which comprises reacting an olefin having the general formula I,



Formula I

wherein R<sub>1</sub> may be aryl, substituted aryl, naphthyl or substituted naphthyl, R<sub>2</sub>, R<sub>3</sub>, R<sub>4</sub> and R<sub>5</sub> may independently be hydrogen, alkyl, aryl, arylalkyl, cycloaliphatic with or without substituents, halogen acids or halide salt per gram mole of metal is in the range of 5 to 500 moles, a protonic acid in the range of 5 to 500 moles water the heterogeneous rhodium or iridium metal as a catalyst and a phosphine ligand in the range of 20 to 50 moles in an organic solvent such as herein described in the carbon monoxide atmosphere at a temperature ranging between 30 to 130°C, for a period ranging between 0.3 to 4 hrs, at pressures ranging between 50 to 1500 psig, cooling the reaction mixture to ambient temperature, flushing the reaction vessel with inert gas, separating the catalyst, removing the solvent by conventional methods, and isolating 2-aryl propionic acid.

(Complete Specification 29 Pages Drawings 1 Sheet)

Indian Classification	:	55 E 4	191236
International Classification <sup>7</sup>	:	A61K 31/4, C07D 405/06	
Title	:	"PROCESS FOR THE PRODUCTION OF AMORPHOUS ATORVASTATIN CALCIUM."	
Applicant	:	RANBAXY LABORATORIES LTD. a Company incorporated under the Companies Act, 1956 of 19, Nehru Place, New Delhi - 110019. INDIA.	
Inventors	:	YATENDRA KUMAR - INDIAN RAJESH KUMAR THAPER - INDIAN SARIOI MADHAVA DILEEP KUMAR - INDIAN	

Application for Patent Number 775/Del/99 filed on 25<sup>th</sup> May 1999.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi - 110 008.

**( 6 Claims )**

A process for the preparation of amorphous atorvastatin calcium and hydrates thereof which comprises :

- (a) dissolving crystalline atorvastatin calcium in a non-hydroxylic solvent;
- (b) adding a non-polar hydrocarbon anti-solvent or adding the dissolved atorvastatin to the non-polar anti-solvent to precipitate out atorvastatin calcium; and
- (c) removing the solvent by filtration to afford amorphous atorvastatin calcium.

(Complete Specification 7 Pages Drawings 3 Sheets)

Indian Classification	:	32 (3b)	191237
International Classification <sup>7</sup>	:	C07C 69/86	
Title	:	"AN IMPROVED PROCESS FOR THE PREPARATION OF 3,4,5-TRIMETHOXYBENZOIC ACID."	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi – 110 001, INDIA, an Indian body incorporated under the Registration of Societies Act (XXI of 1860).	
Inventors	:	JUGAL KISHORE SAMA - INDIAN MAHABIR PRASAD JAIN – INDIAN SURINDER MOHAN ANAND - INDIAN SATINDER MOHAN JAIN-INDIAN SUKHDEV SWAMY HANDA-INDIAN SHANKAR LAL-INDIAN TRIBHUWAN NATH SHRIVASTWA-INDIAN VIJAY KUMAR SHARMA-INDIAN	

Application for Patent Number 727/Del/99 filed on 14<sup>th</sup> May 1999.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi – 110 008.

**( 7 Claims )**

An improved process for the preparation of 3,4,5-trimethoxybenzoic acid which comprises: reacting hydrolysable tannin/tannic acid with conventional hydrolyzing agent in a known manner, adding the alkylating agent in a molar ratio of 1.5 to 7.5 moles to above reaction mixture at a temperature in the range of -10<sup>0</sup>C to 5<sup>0</sup>C under an inert atmosphere and allowed to expose under microwave irradiation for a period in the range of 10 seconds to 10 minutes, acidifying the reaction mixture and isolating 3,4,5 trimethoxy benzoic acid by known methods.

(Complete Specification 16 Pages Drawings Nil Sheet)

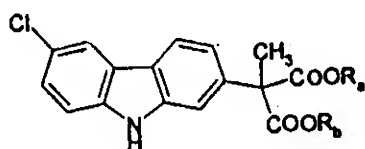
Indian Classification	:	32 F	191238
International Classification <sup>7</sup>	:	C07D 209/82, C07D 209/84	
Title	:	"A PROCESS FOR PREPARING PURIFIED (6-CHLORO-2-CARBAZOLYL) METHYL-MALONIC ACID DI(C <sub>1</sub> -C <sub>6</sub> ALKYL) ESTER."	
Applicant	:	PFIZER PRODUCTS INC., a corporation organized under the laws of the state of Connecticut, United States of America, of Eastern Point Road, Groton, Connecticut 06340, United States of America.	
Inventors	:	PHILIP DIETRICH HAMMEN - U.S. PETER ROBERT ROSE - U.S. JOHN LLOYD TUCKER - U.S. KEITH MICHAEL DEVRIES - US DIANE MARIE RESCEK - US	

Application for Patent Number 846/Del/ 99 filed on 10<sup>th</sup> June 99.  
Convention date 16.1.1998/ 60/089,480/ U.S.A

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003.) Patent Office Branch, New Delhi - 110 008

( 8 Claims )

A process for preparing purified (6-chloro-2-carbazolyl) methyl-malonic acid di(C<sub>1</sub>-C<sub>6</sub> alkyl) ester of Formula (I):



(I)

wherein R<sub>a</sub> and R<sub>b</sub> must be the same and are selected from the group consisting of C<sub>1</sub>-C<sub>6</sub> alkyl;  
comprising phase separating in a manner such as herein described one or more impurities from said carbazole ester at least once wherein the solvent used to carry out said phase separation is acetic acid.

(Complete Specification 21 Pages ; Drawings Nil Sheets)

Indian Classification	:	55 E	191239
International Classification <sup>7</sup>	:	C08F 20/06 A61K 9/36	
Title	:	"A PROCESS FOR THE PREPARATION OF A TASTE MASKED COMPOSITION."	
Applicant	:	RANBAXY LABORATORIES LTD. a Company incorporated under the Companies Act, 1956 of 19, Nehru Place, New Delhi - 110019. INDIA.	
Inventors	:	GOUR MUKHERJI - INDIAN SANDHYA GOYAL - INDIAN VINOD KUMAR ARORA - INDIAN.	

Application for Patent Number 867/Del/99 filed on 11<sup>th</sup> June 1999.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi - 110 008.

( 13 Claims )

A process for the preparation of taste masked matrix formulation comprising :

- a. mixing a bitter drug, a taste masking polymer of the kind as herein described in a ratio of 0.25:1 to 1:0.25, other conventional ingredients and a solvent as herein described, to obtain a mixture; and
- b. removing the solvent from said mixture by conventional manner to obtain said taste masked matrix.

(Complete Specification 9 Pages Drawings Nil Sheets)

Indian Classification	:	55	191240
International Classification <sup>4</sup>	:	C 12 N-9/00	
Title	:	"A NOVEL PROCESS FOR THE PRODUCTION OF PROTEASE."	
Applicant	:	SEAGRAM MANUFACTURING LTD., 303, Mansarovar, 90, Nehru Place, New Delhi – 110019, India, an Indian company,	
Inventors	:	RAKESH RATNAKAR BANKA VISHAL CHANDRAKISHORE NASHINE MILIND ABAJI CHAVAN VIRENDER SINGH SHEORAIN ALL INDIAN	

Application for Patent Number 1009/Del/99 filed on 23.07.1999.

COMPLETE LEFT AFTER PROVISIONAL SPECIFICATION FILED ON 25.08.2000

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003 ) Patent Office Branch, New Delhi – 110 008.

**(15 Claims)**

A process for the production of protease, said process comprising the steps of:

- a) inoculating a medium comprising by products of grain distillery such as herein described as substrate with micro-organisms capable of producing protease,
- b) incubating the medium of step (a) at a temperature in the range of 28 to 37°C for 1 to 3 days at a pH of 6-11.5,
- c) separating the biomass from the fermented broth by conventional methods, and
- d) concentrating and obtaining protease from the broth by a known method.

(PROVISIONAL SPECIFICATION 06 DRAWING SHEET-NIL-)

(COMPLETE SPECIFICATION 13 PAGES DRAWING SHEET -02-)

Indian Classification	:	55E <sub>4</sub>	191241
International Classification <sup>4</sup>	:	A 61K 31/00.	
Title	:	<b>"A PROCESS FOR THE PRODUCTION OF VANILLA FLAVOUR METABOLITES THROUGH BIOTRANS FORMATION".</b>	
Applicant	:	<b>COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH</b> , Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	<b>USHA TRIPATHI SATHULURI RAMACHANDRA RAO GOKARE ASWATHANARAYANA RAVISHANKAR- ALL INDIAN.</b>	

Application for Patent Number 1193/DEL/1999 filed on 08/09/1999

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(05 Claims)

A process for the production of vanilla flavour metabolites through biotransformation characterized by the steps of growing *Haematococcus* species in a conventional medium supplemented with a compound convertible such as ferulic acid, coniferyl aldehyde and p-coumaric acid to vanilla flavour metabolites in a known manner then recovering vanilla flavour metabolites by conventional solvent extraction methods from the cells and medium.

(Complete Specification Pages 20 Drawing 05 Sheets)

Indian Classification	:	32 F3	191242
International Classification <sup>7</sup>	:	C07D 301/00	
Title	:	"AN IMPROVED PROCESS FOR THE PREPARATION OF CHIRAL EPOXIDE USEFUL AS AN INTERMEDIATE IN THE SYNTHESIS OF OPTICALLY ACTIVE DRUG."	
Applicant	:	COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, Rafi Marg, New Delhi - 110 001, INDIA, an Indian body incorporated under the Registration of Societies Act (XXI of 1860).	
Inventors	:	RUKSHANA ILYAS KURESHY - INDIAN NOOR-UL HASAN KHAN - INDIAN SAYED HASAN RAZI ABDI - INDIAN PARAMESWAR KRISHANAN IYER - INDIAN SUNIL TRIBHOVANDAS PATEL - INDIAN SHARAD DATTATRAYA GOMKALE - INDIAN ANJANI KETAN BHATT - INDIAN	

Application for Patent Number 1352/Del/99 filed on 11<sup>th</sup> Oct. 99.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Branch, New Delhi - 110 008.

( 8 Claims )

An improved process for the preparation of chiral epoxide of the kind as herein described useful as an intermediate in the syhnthesis of optically active drug which comprises a) adding a soluion of non-functionalised prochiral alkenes and organic internal standard as herein described in a magnetically stirred reactor in a molar ratio of 1:1, further adding co-oxidant 10 to 20 mole % of alkenes in biphasic solvent b) adding 2 mole% of novel chiral catalyst of formula 1 given in the specifiation and oxidant 2 to 4 times of alkenes on molar basis, c) stirring the reaction mixture at a temperature range of -70<sup>0</sup> to 35<sup>0</sup>C for a period of 6 to 8 hrs in an inert atmosphere d) isolating the desired product by methods as herein described.

(Complete Specification 20 Pages Drawings Nil Sheet)

Indian Classification	:	55D <sub>1</sub>	<b>191243</b>
International Classification <sup>4</sup>	:	A 61 K 065/00, C 12 Q 001/02 ; C 12 Q 001/18	
Title	:	<b>"A PROCESS FOR THE PREPARATION OF ANTIMICROBIAL FRACTION FROM MILLINGTONIA HORTENSIS".</b>	
Applicant	:	<b>COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH</b> , Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	<b>ANNAPURNA JETTY DEEVI SARANGAPANI IYENGAR- BOTH INDIAN</b>	

Application for Patent Number 292/DEL/2000 filed on 23/03/2000

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi  
Branch, New Delhi – 110 008.

(04 Claims)

A process for the preparation of antimicrobial fraction from *Millingtonia hortensis* which comprises extracting the leaves of *M. hortensis* with non-polar solvents as herein described to remove inactive fraction, extracting the residual leaf sample with mixture of polar solvents as herein described and water in the ratio of 1:1 to 2:1 to get active crude fraction, the crude active fraction is further purified by chromato-graphic methods as herein described to get antimicrobial fraction.

(Complete Specification    Pages 07    Drawing    NIL    Sheet)

Indian Classification	:	32C	191244
International Classification <sup>4</sup>	:	C 07 D 233/02.	
Title	:	"A PROCESS FOR THE PRODUCTION OF A SOYBEAN LIPOXYGENASE INHIBITOR".	
Applicant	:	<b>COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH</b> , Rafi Marg, New Delhi-100 001, India, an Indian registered body incorporated under the Registration of Societies Act (Act XXI of 1860).	
Inventors	:	<b>AVINASH PRAHLAD SATTUR KADIYALA CHANDRASEKHAR RAO APPU RAO GOPALA RAO APPU RAO NAIKANAKATTE GANESH KARANTH- ALL INDIAN</b>	

Application for Patent Number 301/DEL/2000 filed on 23/03/2000.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003.) Patent Office Delhi Branch, New Delhi – 110 008.

(05 Claims)

A process for the production of a soybean lipoxxygenase inhibitor which comprises growing fungi *Aspergillus* and *Penicillium* species belonging to the eurotiaceae family used for the production of the inhibitor and the *Aspergillus* species are selected from *A. flavus*, *A. japonicus*, *A. niger*, *A. awamori* particularly, *Aspergillus niger* in a conventional solid or liquid fermentation medium as herein described and sterilized at 121° C for 40- 60 minutes and inoculated with 5 to 30% inoculum for at least 3 days, after fermentation the fermented solid mass or the liquid medium is extracted with water immiscible solvents selected from chloroform, ethylacetate, the solvent was filtered and concentrated to obtain soybean lipoxxygenase inhibitor.

(Complete Specification Pages 10 Drawing NIL Sheet)

Indian Classification	:	54	191245
International Classification <sup>4</sup>	:	A 23 J 001/14.	
Title	:	<b>“ A PROCESS FOR THE MANUFACTURE OF A PLANT COAGULATE CONCENTRATE”.</b>	
Applicant	:	<b>DABUR RESEARCH FOUNDATION:</b> of the address: 22, Site IV , Sahibabad, Ghaziabad-201010, Uttar Pradesh, India, an Indian Company Registered under the Companies Act 1956.	
Inventors	:	<b>BEENA MATHUR. KATTIWAPPAN SARAVANAKUMAR. RAMESH KUMAR DUGGAL- ALL INDIAN.</b>	

Application for Patent Number 340/DEL/2000 filed on 28/03/2000  
Complete left after Provisional specification filed on 22/03/2001.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003 )  
Patent Office Delhi Branch, New Delhi – 110 008.

(07 Claims )

A process for the manufacture of a Plant Coagulate Concentrate for the treatment of iron deficiency comprising protein coagulate of green leafy matters from at least two plants selected from the group comprising Spinach (*Spinacia oleracea*), Amaranth (*Amaranthus* spp.), Berseem (*Trifolium alexandrinum*) and Cowpea (*Vigna sinensis*) having therapeutic properties which comprises-

- i. Harvesting the said plants having the green leafy matters at suitable period of time, preferably in winter;
- ii. Washing the green leafy matters from the plants such as herein described in water, or in an antioxidant solution;
- iii. Extraction of juice from the plants individually and mixing them in any conventional manner;
- iv. Separation of proteins from the combined plants juice preferably by heat coagulation;
- v. Collection of separated proteins by any known manner;
- vi. Dehydrating & drying the said protein mass by any conventional methods to produce the combined plant coagulate concentrate.
- vii. and Optionally adding other additional ingredients in the range 0.99.9% such as herein described for the treatment of iron deficiency to the plant coagulate concentrate.

(Provisional specification 12 Pages Drawing NIL Sheet)  
(Complete Specification 21 Pages Drawing NIL Sheet)

Indian Classification	:	54, 55F	191246
International Classification <sup>4</sup>	:	A 61 K 35/78, A 61 K 09/00, A 61 K 35/72.	
Title	:	<b>"A PROCESS FOR PREPARING A ASAVA OR ARISTA COMPOSITION".</b>	
Applicant	:	<b>DABUR RESEARCH FOUNDATION, an Indian company of 22, Site IV, Sahibabad, Ghaziabad 201 010, India with its Registered office at 8/3, Asaf Ali Road, New Delhi-110 002, India.</b>	
Inventors	:	<b>NARASIMHA BABA BRINDAVANAM CHANDRAKANT KATIYAR YADLAPALLI VENKATESWARA RAO- ALL INDIAN.</b>	
<del>Kind of Application</del>	:	<del>PROVISIONAL/COMPLETE.</del>	

Application for Patent Number 477/DEL/2000 filed on 02/05/2000  
Complete left after Provisional specification filed on 01/05/2001

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003)  
Patent Office Delhi Branch, New Delhi – 110 008.

(18 Claims)

A process for preparing an asava or arista composition having final sugar content upto 3%w/w and useful for diabetics and calorie conscious non-diabetics, said process comprising the step of:

- (a) preparing an extract of herbs employed in an asava or arista composition in a manner known per se,
- (b) preparing a medium by adding nutrients such as hereindescribed to the extract so that the sugar content thereof does not exceed 205 w/w,
- (c) inoculating the medium with micro-organisms such as hereindescribed which are capable of fermentation.
- (d) Incubating the medium at a temperature ranging between 20 to 37<sup>o</sup> C for 2 to 40 days under anaerobic conditions, and optionally adjusting the pH until the alcohol content thereof reaches 7 to 12% v/v, and
- (e) Recovering the asava or arista composition having total sugar content upto 3% w/w.

(Provisional specification 15 Pages Drawing NIL Sheet)  
(Complete Specification 20 Pages Drawing NIL Sheet)

Indian Classification	:	132 C	191247
International Classification <sup>4</sup>	:	A 01H-05/00.	
Title	:	<b>"A PROCESS FOR THE PREPARATON OF A MINERAL CANDY".</b>	
Applicant	:	<b>SURESH NARAIN MATHUR, B-121, Ramprastha, Delhi-UP BORDER, Uttar Pradesh- 201 011.</b>	
Inventors	:	<b>SURESH NARAIN MATHUR -INDIAN</b>	

Application for Patent Number 645/DEL/2000 filed on 12/07/2000

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003.) Patent Office Delhi Branch, New Delhi – 110 008.

(03 Claims)

A process for the preparation of a mineral candy comprising extracting sugarcane juice, filtering the same and concentrating the same in the open pans by heating at a temperature of 50 – 60<sup>0</sup> C adding vegetable clarificant such as herein described during the process of heating for cleaning said juice to the step of further heating till foams/fronting starts, cooling the concentrated juice with continuous stirring so as to obtain gur (bacchareum officinarum), mixing 10 –30 % by weight of chana (Bengal gram), 0.5-5% by weight haldi (turmeric ) and 2-10% by weight other natural products like ajwain (bishops weed), saunf (fennel), tulsi (holy basil), amla (Indian gooseberry) and lahsan (garlic) with 40-80% of gur so as to form a blend and then moulding the same into the candy of the required shape and size.

(Complete Specification Pages 07 Drawing NIL Sheet)

Indian Classification : 32C 191248

International Classification<sup>4</sup> : A 61K 31/00.

Title : "PROCESS FOR THE PREPARATION OF A HOMOGENOUS SUBSTANTIALLY ALCOHOL FREE COMPOSITION OF CYCLOSPORIN".

Applicant : PANACEA BIOTEC LIMITED, of B-1 Ext./A-27, Mohan Co-op. Industrial Estate, Mathura Road, New Delhi-110044.

Inventors : AMARJIT SINGH  
RAJESH JAIN-BOTH INDIAN.

Application for Patent Number 806/DEL/2000 filed on 05/09/2000.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003)  
Patent Office Delhi Branch, New Delhi – 110 008.

(09 Claims)

A process for the preparation of a homogenous substantially alcohol free composition of Cyclosporin which upon dilution with water, yields a stable, oil-in-water emulsion, whereof the oil phase consists of Cyclosporin containing globules having an average size of from 200 to 600 nm which comprises mixing 1-25 % w/w of Cyclosporin A with a hydrophilic carrier medium comprising the following ingredients in the range as stated :

Propylene glycol	..... 0.5-70 % w/w
Esters of propylene with C4 to C12 Fatty acids	..... 15-60 % w/w.
Polyoxyethylene hydrogenated Castor oils	..... 5-25 % w/w.
Glycerol triacetate or Triacetin	..... 0-10 % w/w.
Oleic acid	..... 0-60 % w/w.

Indian Classification	:	55E4.	191249
International Classification <sup>4</sup>	:	C07D 261/18; 548/240.	
Title	:	<b>"A METHOD FOR THE PREPARATION OF A2-HYDROXYARYLADOXIME".</b>	
Applicant	:	<b>AVECIA LIMITED</b> , a British company of Hexagon House, Blankley, Manchester, M9 8ZS, England.	
Inventors	:	<b>DENIEL LEVIN-BRITISH</b>	

Application for Patent Number 953/DEL/2001 filed on 17/09/2001.

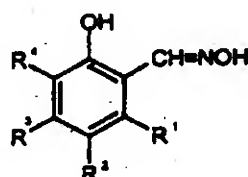
Divided out of patent application no. 856/DEL/93 filed on 10/08/1993

Convention date:-9217724.5/20/08/1992/UK.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003) Patent Office Delhi Branch, New Delhi – 110 008.

(16 Claims )

A method for the preparation of a 2-hydroxyarylaldoxime of formula:

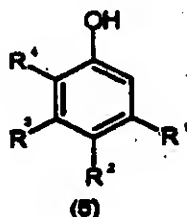


wherein each of R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup> and R<sup>4</sup>, independently, represents a hydrogen or halogen atom or an alkyl, cycloalkyl, aralkyl, aryl,

alkaryl, alkoxy, aryloxy, acyl or hydroxy group;

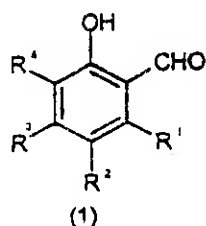
comprising the steps of:

- (a) reacting a phenol of the formula:



with formaldehyde such as herein described or a formaldehyde-liberating compound such as herein described under substantially anhydrous conditions such as herein described in the presence of a compound of a metal of Group II, Group III, Group IVA or Group VIA of the Periodic Table; and

(b) reacting the resulting 2-hydroxyarylaldehyde of formula:



in the presence of a compound of a metal of Group II, Group III, Group IVA or Group VIA of the Periodic Table, with hydroxylamine and/or under such conditions that the 2-hydroxyarylaldehyde is at least partially in the form of a salt and/or complex of metal of Group II, Group III, Group IVA or Group VIA of the Periodic Table to prepare 2-hydroxyarylaldoxime.

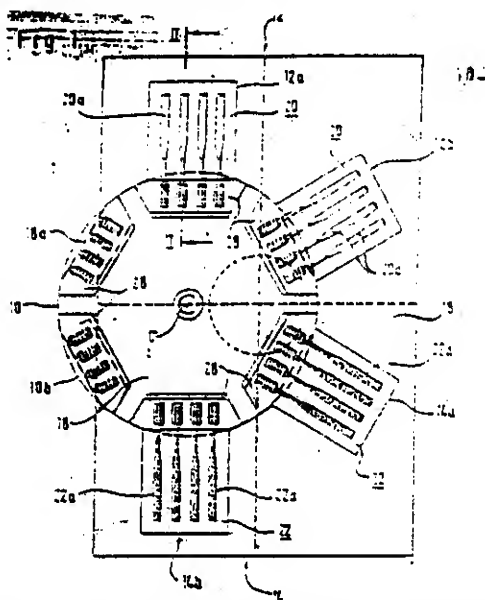
(Complete Specification 39 Pages Drawing NIL Sheet)

Indian Classification : 136 F, 26 191250  
 International Classification : B 29 C 45/14, B 29 C 45/16, A 46 D 3/00, A 46 D 3/08.  
 Title : "A molding machine for injection molding of tooth brushes".  
 Applicant : G.B Boucherie N.V., of Stuivenbergstraat 104-106,  
 8870 Izegem, Belgium  
 Inventors : BART GERARD BOUCHERIE - Belgium  
 Application for Patent Number 1221/DEL/2002 filed on 09.12.2002.  
 Divided out of patent application no. 475/DEL/95 filed on 16.03.95.  
 Convention date: -9407735.1/19.04.94/UK.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 2003 Patent Office Delhi Branch, New Delhi – 110 008.

#### (04 Claims)

A molding machine for injection molding of tooth brushes from two or more different molding material components, comprising two or more injecting stations (12, 14) each associated with one of the two components, the first injecting station (12) having a first mold cavity (20a) corresponding in shape to a base part of the tooth brush bodies including a handle portion and a head portion and the second injecting station (14) having a second mold cavity (22a) corresponding in shape to the requirements of the second molding material component, each of the mold cavities (20a, 22a) being defined by relatively movable mold blocks (20, 22), one (20) of the mold blocks (20, 22) of the first injecting station (12) being divided and comprising a base part and a movable mold insert part (28) which when joined to the base part completes the one mold part (20) of the first injecting station (12), characterized in that the machine further comprises a tuft feeding station (10), the movable mold insert (28) having a plurality of tuft insertion holes (30) arranged in a pattern corresponding to the tuft pattern of tooth brushes to be produced and being movable between a first position in the tuft feeding station (10) to receive a tuft of bristles (38) in each tuft insertion hole (30) so that an end thereof projects into a cavity portion (28a) defined by the movable mold insert part (28), and a second position in which the movable mold insert part (28) is joined with the base part of the one mold block (20) in the first injecting station (12), each of the tuft ends being embedded in molding material of the first component upon injection thereof into the mold cavity (20a) of the first injecting station (12), and further comprising an indexing carrier (16a, 16c, 16d) for moving blanks molded in the first injecting station (12) into the mold cavity (22a) of the second injecting station (14).



(COMPLETE SPECIFICATION 14 PAGES DRAWING SHEETS.- 05 )

**OPPOSITION PROCEEDING (SEC. 25)**

The opposition as entered by Bajaj Auto Limited, Pune to the grant of a Patent on Application No. 188734 (278/Bom/1997) by Suresh Anandrao Salunkhe, Bahe, Dist. Sangli as notified in Gazette of India, Part-III, Section 2 on 02.11.02 has been dismissed.

The opposition has been entered u/s. 25 by M/s. S. Majumdar & Co., Kolkata on behalf of Hindustan Lever Limited, Mumbai (Maharashtra) to the grant of a Patent on application No. 189511 (728/Del/94) dated 08.06.1994 made by The Procter & Gamble Company, U.S.A.

An opposition has been entered Under Section 25 by M/s. S. Majumdar & Co., Kolkata on behalf of Hindustan Lever Limited, Mumbai (Maharashtra) to the grant of a Patent on application No. 189518 (804/Del/94) dated 28.06.1994 made by Van Leer South Africa (Proprietary) Limited, South Africa.

**RESTORATION PROCEEDINGS**

Noctice is hereby given that an application was made under section 60 of the Patents Act, 1970 for the restoration of Patent No. 186376 granted to Ashok Hazarilal Garg for an invention relating to a trolley mounted telescopic/Tiltable self powered lighting mast assembly.

The Patent ceased on the 15.8.2002 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 14.6.2003.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace, 2nd M.S.O. Building, 5th, 6th & 7th floor, 234/4, A.J.C. Bose Road, Cal.-20 on or before the 11.12.03 under Rule 69 of the Patents Rules 1972. A written statement, in triplicate, setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

**PATENT SEALED ON 12-09-2003 (KOLKATA)**

188858 188860 188902 188904 188907 188909 188910 188911 188912 188913 188914 188915 188916  
188917 188918 188919 188920 188921 188922 188924 188925 188926 188927 188928 188929 188930  
188931 188933 188934 188935 188936 188937 188939 188940

KOL—13 ; CHEN—NIL; DEL—NIL; MUM—21.

**PATENT SEALED ON 29-08-2003 (MUMBAI BRANCH)**

188723 188724 188725 188734 189001 189003 189099 189554 189580 189587 189588 189589





**PATENT SEALED ON 10-09-2003 (DELHI BRANCH)**






189129 189130 189134 189135 189139 189142 189143 189147 189148





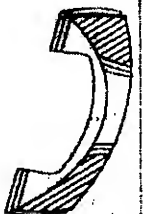
**REGISTRATION OF DESIGNS**






The following designs have been registered. They are open for public inspection from the date of registration. (Colour combination if any, is not shown in the representation)






The dates shown in the following each entry is the date of registration.





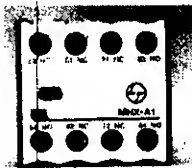
Class.	13-03	No.191342. SINICON CONTROLS PRIVATE LIMITED, AT AGEIND HOUSE, 1/987, KOUSAPARA, P.O.MENONPARA, PALA. KKAD 678556, KERALA-INDIA. "ELECTRICAL SWITCH FOR CONTROLLING WATER LEVEL", 24 FEBRUARY 2002.	
Class.	13-03	No.191642. M/S. LARSEN & TOUBRO LIMITED, AT L&T HOUSE, BALLARD ESTATE, P.O. BOX NO.278, MUMBAI-400 001, MAHARASHTRA, INDIA. "MODULDED CASE CIRCUIT BREAKER", 25 MARCH 2003.	
Class.	12-11	No.191198. SUNDARAM-CLAYTON LIMITED, AT "JAYALAKSHMI ESTATES". 8 HADDOWS ROAD, CHENNAI-600 006. "MOTORCYCLES", 4 FEBRUARY 2003.	
Class.	09-03	No.191478. J.S. SPORTS PVT. LTD., BASTI DANISHMANDAN, ( GAKHALAN ROAD ), JALANDHAR, (PB.) (INDIA). "BOX", 11 MARCH 2003.	

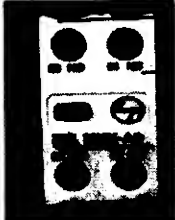

Class.	12-11	No.191637. HINDUSTAN TYRE COMPANY, G-3, TEXTILE COLONY, INDUSTRIAL AREA-A, LUDHIANA:-141003, PUNJAB (INDIA). "TYRE FOR MOTOR CYCLE", 25 MARCH 2003.	
Class.	09-04	No.191573. NILKAMAL CRATES AND BINS OF 77/78 NILKAMAL HOUSE, ROAD NO.13/14, M.I.-D.C., ANDHERI EAST, MUMBAI:-400093, MAHARASHTRA, INDIA. "CRATE", 19 MARCH 2003.	
Class.	13-03	No.191639. M/S. LARSEN & TOUBRO LIMITED, AT L&T HOUSE, BALLARD ESTATE, P.O. BOX NO.278, MUMBAI:-400 001, MAHARASHTRA, INDIA. "MODULDED CASE CIRCUIT BREAKER", 25 MARCH 2003.	
Class.	04-02	No.191202. GLAXOSMITHKLINE CONSUMER HEALTHCARE GMBH & CO. KG., OF BUSSMATTEN 1, D - 77815 Buehl (BADEN), GERMANY. "TOOTHBRUSH WITH HOLDER", 4 FEBRUARY 2003.	
Class.	04-02	No.191203. GLAXOSMITHKLINE CONSUMER HEALTHCARE GMBH & CO. KG., OF BUSSMATTEN 1, D - 77815 Buehl (BADEN), GERMANY. "TOOTHBRUSH WITH HOLDER", 4 FEBRUARY 2003.	

Class.	08-06	No.191597. VARDHMAN VALLEY (INDIA) PVT. LTD., A-10, LOUIS PALACE, SHANKAR LANE, MALAD(W), MUMBAI: -400 064, MAHARASHTRA, (INDIA). "HANDLE", 20 MARCH 2003.	
Class.	08-06	No.191598. VARDHMAN VALLEY (INDIA) PVT. LTD., A-10, LOUIS PALACE, SHANKAR LANE, MALAD(W), MUMBAI: -400 064, MAHARASHTRA, (INDIA). "HANDLE", 20 MARCH 2003.	
Class.	08-06	No.191596. VARDHMAN VALLEY (INDIA) PVT. LTD., A-10, LOUIS PALACE, SHANKAR LANE, MALAD(W), MUMBAI: -400 064, MAHARASHTRA, (INDIA). "HANDLE", 20 MARCH 2003.	
Class.	08-06	No.191595. VARDHMAN VALLEY (INDIA) PVT. LTD., A-10, LOUIS PALACE, SHANKAR LANE, MALAD(W), MUMBAI: -400 064, MAHARASHTRA, (INDIA). "HANDLE", 20 MARCH 2003.	
Class.	08-06	No.191594. VARDHMAN VALLEY (INDIA) PVT. LTD., A-10, LOUIS PALACE, SHANKAR LANE, MALAD(W), MUMBAI: -400 064, MAHARASHTRA, (INDIA). "HANDLE", 20 MARCH 2003.	

Class.	08-06	No.191593. VARDHMAN VALLEY (INDIA) PVT. LTD., A-10, LOUIS PALACE, SHANKAR LANE, MALAD(W), MUMBAI: -400 064, MAHARASHTRA, (INDIA). "HANDLE", 20 MARCH 2003.	
Class.	08-06	No.191592. VARDHMAN VALLEY (INDIA) PVT. LTD., A-10, LOUIS PALACE, SHANKAR LANE, MALAD(W), MUMBAI: -400 064, MAHARASHTRA, (INDIA). "HANDLE", 20 MARCH 2003.	
Class.	08-06	No.191591. VARDHMAN VALLEY (INDIA) PVT. LTD., A-10, LOUIS PALACE, SHANKAR LANE, MALAD(W), MUMBAI: -400 064, MAHARASHTRA, (INDIA). "HANDLE", 20 MARCH 2003.	
Class.	08-06	No.191588. VARDHMAN VALLEY (INDIA) PVT. LTD., A-10, LOUIS PALACE, SHANKAR LANE, MALAD(W), MUMBAI: -400 064, MAHARASHTRA, (INDIA). "HANDLE", 20 MARCH 2003.	
Class.	08-06	No.191587. VARDHMAN VALLEY (INDIA) PVT. LTD., A-10, LOUIS PALACE, SHANKAR LANE, MALAD(W), MUMBAI: -400 064, MAHARASHTRA, (INDIA). "HANDLE", 20 MARCH 2003.	

Class.	24-99	192020. PARK JAE WOO, CHONG ROKU, MYONG RYUN DONG, 2 GA, 8-5, SEOUL-110552, KOREA. "TRIPLE TWISTER", 1 MAY 2003.	
Class.	06-11	No.190892. S.N. KAPOOR EXPORTS, [PARTNERSHIP FIRM], KHAWASHJI KA BAGH, AMER ROAD, JAIPUR-302002, RAJASTHAN (INDIA). "CARPET", 3 JANUARY 2003.	
Class.	06-11	No.190893. S.N. KAPOOR EXPORTS, [PARTNERSHIP FIRM], KHAWASHJI KA BAGH, AMER ROAD, JAIPUR-302002, RAJASTHAN (INDIA). "CARPET", 3 JANUARY 2003.	
Class.	06-11	No.190891. S.N. KAPOOR EXPORTS, [PARTNERSHIP FIRM], KHAWASHJI KA BAGH, AMER ROAD, JAIPUR-302002, RAJASTHAN (INDIA). "CARPET", 3 JANUARY 2003.	
Class.	06-11	No.190890. S.N. KAPOOR EXPORTS, [PARTNERSHIP FIRM], KHAWASHJI KA BAGH, AMER ROAD, JAIPUR-302002, RAJASTHAN (INDIA). "CARPET", 3 JANUARY 2003.	

Class.	06-11	No.190889. S.N. KAPOOR EXPORTS, [PARTNERSHIP FIRM], KHAWASHJI KA BAGH, AMER ROAD, JAIPUR-302002, RAJASTHAN (INDIA). "CARPET", 3 JANUARY 2003.	
Class.	09-01	No.191696. ARPTA AGRO PRODUCTS (P) LTD., OF 504, JODHPUR PARK, KOLKATA:-700 068. "BOTTLE", 31 MARCH 2003.	
Class.	09-01	No.190840. HINDUSTAN LEVER LIMITED, AT HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, MUMBAI:-400 020, MAHARASHTRA, INDIA. "CONTAINER", 1 JULY 2002 [PRIORITY U.K.].	
Class.	09-07	No.190958. M/S. RAJESH PLASTICS AT AGARWAL UDYOG NAGAR, BUILD. EXT. 2, UNIT-15, SATIVALI ROAD, VILAGEWALIV, VASAI(E), THANE, MAHARASHTRA, INDIA. "SEALING CAP", 9 JANUARY 2003.	
Class.	13-03	No.190984. M/S. LARSEN & TOUBRO LIMITED, AT L&T HOUSE, BALLARD ESTATE, P.O. BOX NO.278, MUMBAI:-400 001, MAHARASHTRA, INDIA. "MNX-A1 AUXILIARY CONTACT BLOCK", 17 JANUARY 2003.	

Class.	13-03	No.190982. M/S. LARSEN & TOUBRO LIMITED, AT L&T HOUSE, BALLARD ESTATE, P.O. BOX NO.278, MUMBAI:-400 001, MAHARASHTRA, INDIA. "MNX-A2 AUXILIARY CONTACT BLOCK", 7 JANUARY 2003.	
Class.	13-03	No.190983. M/S. LARSEN & TOUBRO LIMITED, AT L&T HOUSE, BALLARD ESTATE, P.O. BOX NO.278, MUMBAI:-400 001, MAHARASHTRA, INDIA. "MNX CONTACTORS", 7 JANUARY 2003.	

Dr. S. N. MAITY  
Controller General of Patents, Designs & Trademarks